











no. 1913 - 4200 Mexico - 1897

(3)

max + miscal call + local  
1897-1901

3794-3999 Blanks!

Change on spine

1913-4200

Greenhouse plants

Plants of Mexico.  
J. N. Rose.

~~707~~

1893-1897

Wyo Mont  
Mont.

1891-1892  
Rose





1901

1902

1903

1904 *Bouteloua hirsuta* Lag.

1905 *Malva parviflora* L.

1906

1907\* *Thryallis humilis* Rose sp. nov.

1908 *Cupressus*

1909

1910

1911 *Hibiscus manihot* L.

1912 ✓

2

'97

July 29

Territorio de Tepic,  
Beb. Concepcion & Acafoneta.

" " " " " "

" " " " " "

" " " " " "

1 sp.

Sinaloa... Concepcion,

Territorio de Tepic  
Beb. Concepcion & Acafoneta

" " " " " "

" " " " " "

" " " " " "

" " " " " "

2 sp. In the Plaza at Acafoneta

" " " " " "

1913

1914

Commelina

1915

Jussiaea (Anag.)

1916

Sedge

1917

Cuphea cristata Rose, n. sp.

Cuphea

Herb. Gr.

1918

Palm.

1919

Eriogonum?

1920

Sporobolus

1921

1922

Sedge

1923

Panicum colonum L.

Echinochloa colonum (L.) Link Herb. Gr.

3

4

3

2

3

1

3

2

2

Territorio de Tepic, Foothills of Sierra Madre 3  
Foothills, between Acapulco and Redo Paulo Aug 22

2 sp.

6 to 12 ft high

Erect. 1 to 2 ft high

Shrub 6 to 7 ft high



1924 ✓

25

1925 *Pepiromia Heyduci* DC.  $\beta$  minor?  
C. de Candolle 1899.

27

1926 ✓

2

1927

1

Triniteller

1928

*Physalis*

my. ✓

1929

*Arium*

1930

grass

my. ✓

1931

Orchid

3

1932

*Melastomaceae*

1933

*Brownia*

1934 *Salvia heterotricha multinervis*  
Muhl. Kew. Herb. Gr. Fernald, n. var.

Territorio de Tepic, Foothills of Sierra Madre. Aug. 2.  
Bel. Acapulco & Pinaro Paulo.

Bush 2 ft high

1935 *Cacalia puculifera* Watson.

Comp. ... J.B.S. ... Kew

1936 *Coulterophytum macrophyllum*

... J.B.S. Herb. Gr. Kew. <sup>Gr R. sp. nov. Mex.</sup> ~~Brit. Mus.~~

1937 *Coulterophytum macrophyllum* Gr R. sp.

... J.B.S. Herb. Gr. Kew. <sup>not</sup> nov. (type.)

1938 *Eryngium Buchananii* Hook. & Arn. ?

... J.B.S. Kew. ... Mex.

1939

1

1940

2

1941

1

1942

2

1943 *Polianthes palustris* Rose, n-sp.

... J.B.S. ... Mex. Gray Kew

1944

1

1945 *Liatris carvinum* Rob.

Comp. ...

Territorio de Tepic. Foot hills of Sierra Madre. Aug. 2.  
Hsp. Bet. Acapulco & Pedro Pablo.

" " " " " "

9 sp.

" " " " " "

Hsp.

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'97  
Aug-2

Territorio de Tepic. Foothills of Sierra Madre.  
Bet. Acaponetla & Pedro Paulo.

1946

1947

1948

*Verbena rosei* Rob. + Grumm. n. sp.  
New

1949

1950

1951

1952

1953

1954

1955

*Loranthus*

1956

/

/

2

1

2

2

2

3

2

20 ft. lower to just below yellow

4000 ft. high

11-12 ft. high

7

Teritorio de Tepic, Foothills of Sierra Madre.  
near Pedro Pablo Aug 3 '97

1958. *Hyptis madrensis* Fernald, n. sp.  
Kew.

*Malaxis hirticoma* (Lb. & Otto) Det Ames 1922

1961 *Paspalum* ~~*virgatum*~~ <sup>*plicatulum* Michx.</sup>

— Cf. *Eragrostis cynosuroides* Benth.

ny. Kew. Mex

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1968

not.

Gray, Isaac



1968

*Piper angustifolium* R. & Pav.

C. de Candolle 1899.

Kew

1970. *Quercus planipocula*

3

1971. *Quercus botryocarpa*



4



Selge

*Cratichneumon*

Reuben C. C.

*Pitcairnia hamslayana* Mez

292

Leant.

1978, *Brongniata diffusa* Rose, n. sp.

B. ... J. W. B. ...

Kiev.

8

97

Aug 3.

Territorio de Tepic, Foothills of Sierra Madre

Near Pedro Paulo

30

079

Sept 22 - 1891  
Coffin & Sons

4/12/1911

" — " " "

London, Decr 10. 1869

"I have a book, I understand."

"and all the same" etc. etc.

Re: Call-Order & Co. 2/2/80

Territorio de Tepic Foothills of Sierra Madre. Aug. 4, 1917  
Beluran Pedro Paulo & San Blasito.

- 1979\* *Triumfetta discolor* Rose sp. nov. v  
*Triumfetta* Gray  
 1980 *Heterocentron occidentale* Rose sp. nov.  
*Heterocentron* Mx.  
 1981 *Erotalaria tenuissimula* Rose n. sp.  
*Erotalaria* Mx. Gray Herb. Gr.  
 1982 *Prionosciadium*  
*Prionosciadium* Mx.  
 1983  
 1984 *Eupatorium leptodictyon* Gray.  
*Eupatorium* J. M. B. B. B.  
 1985 *Thalictrum fringlei reticulatum* Rose, n. sp.  
*Thalictrum*  
 1986 *Odontotrichum coccineum* Rydb.  
*Odontotrichum* Gray Type!  
 1987  
 1988  
 1989 *Stachys drummondii* Benth. 1.  
*Stachys* St. L. New. Mx. Mex.

Fronton de Tepic, Foot hills of Sierra Madre. Aug 4, 1897.  
 Shrub 8 ft high Bet. Pedro Pablo + San Blas Co.

20 ft. Shrub 10 ft high

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1991 *Pyramnia croceum* Rob. + Grunm. n. sp.  
 Conifer Kew.

1992 *Euphorbia geniculata* Ortega.  
 Euphorbia My 3

1993 *Manfreda*

1994 *Manfreda rubescens* Rose, sp. nov.

*Manfreda* Mex., Kew.

1995 *Axonopus rosei* (Scribn. + Merr.) Chase

(Type of *Paspalum rosei* Scribn. + Merr.) My. Gray, Mex.

1996

Conifer

1997

Pine

1998 *Passiflora foetida* L.

Passiflora

1999 *Panicum bulbosum* HBK.

Panicum

2000

*Xyris*

2001

*Xyris*

2002



Territorio de Tepic. Foothills Sierra Madre. Aug. 4,  
Between Pedro Paulo & San Blasito.

fls yellow

1

4

2

2

2

San Blasito + Salinas

San Blasito

Between San Blasito + Aguacate Aug 5 '97

San Blasito

2571

Cactus

2572

"

2573

Fls

2574

Sporobolus

2575

Zinnia elegans Jacq.

2576

Myrtus

2577

Phacelia

2578

Bam

2579

Bam

2580

Net-flower

2581

2582

Willow

2583

Grass

Territorio de Tapir, Foothills, Sierra Madre. Aug 5.

Bel. San Blas ~~la~~ & Aguacata.

*Suber. Aquatica + Dolores*

C  
Aug 1

2072 *Agave Americana*

Pyrausta

9072

9074 *Dinn modernis* Rouq. int.

Catala

Reggie

2016 *Eragrostis pilosa* (L.) Beauv.  
*furshii* Hort.

2017. *Chaetochloa longipila* (Fourn.) Scribn. & Merr.

" J. H. S. <sup>my</sup> ~~Smith~~ New York

Bay Area

*Spiranthes aurantiaca* B. & H.

.....

11/27/20

31

27 ✓

2

2

3

2

12

52p.

contacts made

the first



Territorio de Tepe, Foothills, Sierra Madre. Aug. 6  
Between Aguacatā + Dolores.

2023 *Chamaecrista nodosa* Kunth  
mex

2025: *Stachys drummondii* Benth.  
mex

2026: *Erigeron coronopifolius* Gray.  
mex

2027 *Leanea glauca* C.R. sp. nov.  
mex

2031 *Quercus triangularis*  
mex

2033 *Gnaphalium purpureum* L.  
mex

Mixture; see 18172

Between Dolores + Santa Barbara Aug 7 1902

1897  
Aug. 7.

Territorio de Tepic, between Dolores &  
Santa Gertrudis.

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2034 *Malva tificaria* Ames. Type 1  
Mex.

2035 *Eryngium Rosei* Hemsl. 1  
Mex. J. 248.

2036 *Lilia* 1

2037 2

2038 1

2039

2040

2041

2042

2043

2042 *Colozania humilis* Rose. n-sp type

2043. *Lioscorea militaris* Rob.

2044  
Mex

2045. *Prochnyanthus viridescens* Wats.

Territorio de Tepic, between Dolores  
Santa Gertrudis.

204

27

Car. 1900

4. 25

2049 Physalis

2

Completed

Figure

2152

1

- 2053 *Panicum bulbosum* <sup>*sciaphilum* (Rupr.) Hitchc.</sup> ~~*arenaceum* (HBK.) B.~~ & Chase  
sal.

2132

433

2-2



2056 *Micropleura renifolia* Lag.

*Hydrocotyle*

2057

*Trachypogon*

2058

*Polypodium*

2059 *Polypodium angustifolium* Sw.

*Polypodium*

2060

*Thalictrum*

2061

2062

*Orchis*

2063 *Malaxis fastigiata* Reicht f. Kuntze Det Ames, 1892.

2064 *Museoopsis submontana* C. R. sp. nov.

*Museoopsis*

2065 *Liparis vexillifera* Cogn.

*Liparis*

2066

*Cypripedium*

Terminos de Tefe, between Dolores & Santa Gertrudis.

Aug. 7, '97.

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Aug. 8, 1897.

28

Legume

Gray. N. L.

2068

*Solanum Andreuxii* Dun.

Schuyler

5000

Compas

Мерз

54-70

Geranium

ny

97

Index

2472

Franklin

273

Feb 1900

*Malaxis fastigiata* (Reichb.f.) Kuntze det Jones 9/2

207

Archd.

2077.

*Pyrenium tenellum* Gray.

*Compositae* Mex. New. Mf.



2078. *Guardiola rosei* Robinson, n. sp.

Comp.

(sp.)

2079 *Polymnia edulis* Wedd.

"

2080 *Hieracium Rosei* Rob. & Grunm. n. sp.

Hieracium

My Mex. ✓

2081

*Trifolium*

My ✓

2082 *Hartmannia rosea* Don Mex. My. Kew.

Chenop.

2083

*La. Salicifolia*

2084 *Gnaphalium axephyllum* DC.

Comp.

2085 *Conyza sophiaefolia* HBK.

2086

*Urtica*

2087

Comp.

2088

Leg. *Rhynchosia* HL. Mex. Kew. My.

Terminatorio de Tepic; between Santa Teresita + Santa Teresa, Sierra Madre.

Aug. 8, 1897

Tree 30 ft high 15 in diameter





Aug. 8, 1897.

Terminos de Tapic, between Santa Gertrudis &  
Santa Teresa, Sierra Madre.

2100

2107 *Adontotrichum filicapsulae*!  
Corymba May Rydb. Type!

2102 *Ranunculus madrensis* Rose, n. sp.

Karnataka

J. U.S. - [illegible] - [illegible]

2103. *Tauschia madreensis* R. & R. sp. nov.

mx.

J.H.C.                      New.

2104 *Tauschia linearifolia* C. & R. sp. nov.

Amesbury

J. M. S. Kamm.

2

2107 *Neogroezia planipetala* Hemsl.

George...

2108. *Eryngium Buchananii* Hook. & Arn.

hydrogen

1842

2/09

Spencer

210

Page 1

Territorio de Tzuc. between Santa Gertrudis &  
Santa Teresa. Sierra Madre.

Aug. 8, 1897

211

Copy

212

2

2/20

Polyglen

3

Hydrogen peroxide



*Sp. alb. luteo longus*

1. *Journal of the American Medical Association*, 1997; 278: 1019-1024.

*Polygala alba* Nutt.

00

2328

1900

Chas. Lind

*Protophysa*

2121

Rollin

2121 *Musciniopsis ternata filifolia* C & R.

Yours very truly

2122

2123 *forma*

2124 *forma*

*Cedrela*

*Lepidium medium Greene* *My*

*Lepidium*

*My*

*Eryngium*

*Eryngium* = Schaffner No. 7.

*Eryngium cymosum* L.

*Valeriana*

2125

2131 *forma*

2131 *Mirabilis jalapa* L.

2132

*Onoclea*

Juan Santa Teresa *et* of Sierra Madre Aug 8 22

Lower 12 m long 4 m wide

Lower 5, 4 m long 2 m wide 2 m long

*Agave*

*Yucca*

3 m long 1 m wide

2133 *My*

2/33 *Oenothera myctaginæfolia* Small? 2  
Cal. Kew. N. Y.

Trinitario del Tefre: near Santa Teresa top of  
Punta Madre.

Aug. 8. '97

2134 *Solanum stoloniferum* Schl. + Bonché.

Photo

70-32

Figure 1

342

qu. Mex. 4

47

*Erythraea*

2138 *Gromus brevianistatus* Buckl.

2139 *Iris rosei* Grahman sp. nov.

2/24/11

Confession

Robert Johnson

My

2142 *Sporobolus indicus* R.Br.

2143 *Chloris submutica* HBK.

Aug. 9, '97

- 2144 *Nicotiana Tabacum* L.  
Tobacco
- 2145 Legume brought by Mr. Bolton
- 2146 *Agave Mexicana*?
- 2147 *Brassica vulgaris* Linn.  
Cauliflower
- 2148 *Polygonum*
- 2149 *Orchid* brought by Mr. Bolton
- 2150 *Lamourea viscosa* HBK.  
" " Kew.
- 2151 *Salvia*
- 2152 *Cnicus*
- 2153 *Phaseolus* " Mex.
- 2154 *Cosmos crinitifolius* HBK.  
Cosmos Mex.

- Terminos de Tepic; near Santa Teresa, top of  
Sierra Madre.
- Creeping vine; fls purple
- In wet meadows
- 1 sp.
- Kindly given me by Santa Teresa
- 2 sps. fls white
- fls purple



Aug. 9.

Territorio de Tiquic; near Santa Teresa, top of Sierra Madre.

in meadows " " " " Aug. 10 " 10,

" " " " " " " "

leafy and growing flat on ground

" " " " " " " "

" " " " " " " "

" " " " " " " "

leafy plant, fl. white

" " " " " " " "

" " " " " " " "

in flower

" " " " " " " "

3

2

✓ H  
MY  
2

1

4

Drymonia

Senecio Rosei Greenman, n. sp.

Senecio nov. spec.

2158. Lioscorea multinervis Benth.

Herb. Gr. Kew.

~~Drymonia multiflora~~

Chromolaena

Lerium

Horschia

Phacelia

2165 \* Nolina parviflora Rose sp. nov.

Specimen in 5 B. H. G. G.

2164

Xyris

2

2165

Allium

2

2166

2

2167

2168

Orchid

2

2169

2170

Ilex discolor Hand.

1

2171

Geonoma

1

2172

Cratogeomys

2

2173

Baccharis heterophylla HBK.  
Baccharis

2174

Cornus disciflora DC.  
Cornus disciflora, May.

Sanatorio de Tepic; near Santa Teresa, top of  
fls yellow Sierra Madre.

fls white

Shrub

Shrub

Small tree 20 ft high

Shrub

... ..



- 2177. *Quercus seriatula* 3  
Oak
- 2178 *Polianthus montana* Rose, sp. nov. 2  
Barro Colorado Mx., to ray.
- 2179 *Eriolobos* 1
- 2180 *Eucasia* my 1
- 2181 *Dalman*
- 2182 *Rhytidocarpus* 3
- 2183 *Eucasia*
- 2184 *Boragin* 2
- 2185 *Santalum* 5
- 2186 *Cuphea* 3
- 2187 *Rhytidocarpus*

Turkey de Tepic; near Santa Teresa, top of Aug. '97  
 fl. 6 to 10 in high, Sierra Madre.  
 Aug. 10.  
 fl. 9/10 in.  
 1 1/2  
 Shrub 3 ft high  
 fl. white

2188. *Quercus macrophylla*...

2

Trinitario de Tapia, near Santa Teresa, top of  
Sierra Madre.

Aug. 11, '97

2189

*Passiflora*

2190

*Passiflora*

2191

*Passiflora*

2192

*Passiflora* from Red Br.

1

Letter of J. H. Rose, Aug 11/1897

2193

*Prunella*

2194

2195

2196

*Agave*

3

2197. *Coenos lipinnatus* Cav.

*Coenos*

2198

*Sedum oxycoccoides* Rose n. sp.

*Sedum* Pringle. Mex. 1897

low bush

leaves dark green, flat, opp. in 2's 10 lines broad

leaves drooping long to 3' some branches

leaves drooping to 3' some upright

fls red leaves green

2199 *Eryngium Columnare* Hemsl.

*Eryngium*

*St. L. G. Kew*

2200

*Agave filifera*

*St. L. G. Kew*

2201 *Asplenium perulium* Mart. & Gal.

*fern*

*St. L. G. Kew*

2202 *Acrostichum spathulatum* Borg.

2203 *Dryopteris patula* (Sw.) Underw.

*mp. J. D. S. Kew*

2204 *Adiantum thalictroides* Willd.

*NY.*

✓

2205 *Polypodium subpetiolatum* Hook.

*NY.*

✓

2206 *Cystopteris fragilis* (L.) Bernh.

2207 *Cystopteris fragilis* (L.) Bernh.

2208 *Pellaea marginata* Baker.

2209 *Asplenium monanthemum* Willd.

*St. L. G. Kew*

Trinitario de Tepic; near Santa Teresa, top of Aug 12, '97  
Sierra Madre.

Trinitario de Tepic; near Santa Teresa, top of  
Sierra Madre.

.. .. .

14p .. .. .

.. .. .

14p .. .. .

.. .. .

14p .. .. .

30p .. .. .

20p .. .. .

.. .. .

14p .. .. .

.. .. .

14p .. .. .

.. .. .

14p .. .. .

.. .. .

14p .. .. .

.. .. .

2210 *Acrostichum pilosum* HBK.

Territorio de Tapic; near Santa Teresa,  
Top of Sierra Madre

Aug. 12,

2211 in part *Pellaea angustifolia* (HBK) Baker.

My. Herb. J. 1

2 of

2212 *Pteris aquilina lanuginosa* (Boyd) Hook.

My. Herb. J. 1

2 of

2213 *Phegopteris rudis* Mett.

My. J. D. S. Kew. Mex.

5 of

2214 *Woodwardia radicans* J. E. Smith.

Imp. J. D. S. Kew. Mex.

3 of

2215 *Acrostichum conforme* Sw.

4

2216

2217

*Hypolepis*

2218

*Phegopteris*

2219

*Cheilanthes*

should not have been stamped

2220

fls bright red

in water fls blue



1897.  
Aug. 12.

2221 *Talinum greenmannii* Harshberger 2  
N.Y.

2222 *Andropogon liebmanni* raripilis Hack.  
My J. 28. 1898. New.

2223 *Quercus Rosei* 2

2224 *Quercus oligodonta* 2  
Small bellid leaves & small fruit

2225 2  
My

2226 *Melastroma*

2227 1

2228 1

\* *Tristachya mexicana* Kunth. 2  
*angustifolia* A. S. Hitchc. sp. nov.  
My J. 28. 1898. New.

2230 *Quercus radiata* 2

2231 *Quercus aequivenulosa* 3

Territorio de Tepic, near Santa Teresa, Top of Sierra Madre.  
fls yellow. 10 ft. tall.

.. .. .

40 ft high 10 ft. diameter

.. 10 .. .. . Aug 13 .. 13.

.. 30 ft high 10 ft. diameter

Shrub or small tree

.. .. .

.. .. .

fls purple 3. 10 ft. tall

.. .. .

fls small, 10 ft. tall

.. .. .

2232 *Thalictrum madreense* Rose, n. sp.

*Thalictrum*

Kew.

2233 *Salvia Sanctae-Teresae* Fernald, n. sp.

*Salvia*

Kew. Herb. Gr.

2234 *Museniopsis pencedanoides* (HBK.) C. R.

2234

*Museniopsis*

Kew.

2235 *Helianthella madreensis* Watson

*Helianthella*

2236 *Eryngium cymosum* (Lam.)

*Eryngium*

Herb. Gr. - Kew.

*Eryngium*

*Eryngium*

2239 *Quercus subspathulata*

*Quercus*

*Helianthella madreensis* Watson.

*Helianthella*

2241. *Aspilia albiflora* Gray.

*Aspilia*

Herb. Gr.

*Aspilia*

2

Territorio de Tepic, near Santa Teresa, Top of Sierra Madre.

2232

Alt 6500 ft.

2234

Alt 6500 ft.

State of Durango

Large

Found along stream

14

Large white flowers

Aug. 13, 1897.

State of Durango.

2243

Karwinska

2244

Malfy

2245

*Aspidia madrensis* Greenman n. sp. ✓  
Comp. Mex.

2246

Cassia

Mex

2247

Yucca

2248

*Adiantum nephrolepis* 2  
Comp. Mex. Rydb. Type!

2249

Saxif.

Mex. My. 1

Bush 6 ft high

2250

Asclepias

2251

*Clitoria humilis* Rose, sp. nov.  
Chloronia?

2252

*Pyramnia microphyllum* Rob. & Griseb. n. sp.

Shrub

2253

*Chamaecrista* sp.  
Cassia

My. Mex.

"depressed spreading"

Aug. 13, 1897

State of Durango.

Sta. 5. Leticia. Four

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On the slope

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Aug 13

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2232

Calceolaria

Mex. My.

2253

Triumfetta discolor Rose sp. nov.

Fraxilla

2255

Cypripedium

Ames.

2257

Museniopsis reticulata C. R. sp. nov.

Museniopsis

Steria Rosei Robinson, n. sp.

Camp. Mex.

Miller

Aspilota xylofoda Greenman, n. sp.

Corymbus

Mex. My.

Level 10

2262

from



2265 Mimosa fruticulosa Benth 2  
Acacia My.

2266 Comp. 2

2267 Ipomoea 2

2268 Eupenhardtia <sup>redundata</sup> orthocarpus (Gray) Wats. Leg. Kew. 2 sp.

2269 Zinnia elegans Jacq. Zinnia Kew. 2 sp.

2270 Pithecolobium acatlenae Benth. Calceolaria

2271 Melibonia angustata R. & Sladky 2  
Desmodium My.

2272 Cast. Melibonia St L. Kew. Mex. My. 2

2273 2

2274 2

2275 1

2276 1

State of Durango.  
Bush 8 ft high

Shrub 8 ft high

Small tree

Shrub 10 ft high 5 ft wide

Shrub <sup>to</sup> 2 ft high

fls white or blue

Aug 14

Aug. 14,

State of Durango,  
Crisp

fl. white &amp; creeping

" " "

" " "

" " "

Shrub 3 to 20 ft high fl. white

fl. small white

" " "

" " "

" " "

" " "

Shrub 8 ft high cultivated

shrub at base cultivated

2276

*Krameria*

2277

*Sonch*

2278

*Nissolia wislizeni* Gray  
Legum

2279

*Panicum*

2280

*Panicum* <sup>arizonicum Scribn. & Merr.</sup>  
~~schultzei Nees~~

Grass

2281

*Rubus*

2282

*Conif*

2283

*Euphorbia* vine

2284

"

2285

*Gossypium barbadense* L.  
~~Gossypium~~ *barbadense* L.

2286

Mint

My.

State of Tennessee

My. Mex.

2293. *Gymnolomia Calva* Gray.

2294. *Zinnia elegans* Jacq.

2296. *Zinnia linearis* Benth.

*Begonia rosei* Houghton

July 1923

*Nissolia wislizeni* Gray.

Mass. My.

2301. *Missolia hirsuta* DC.

J. W. S.

in

St. L. Kew Gray. N.Y. Mex.

2308 *Solanum Amazonicum* Ker.

2309 \* *Thryallis montana* Rose sp. nov. ✓  
My. Mex. 1

Durango

Orange.

Aug. 15. 1897.

38

Durango.

Aug. 15, 1897-

2314 *Brongniartia lunata* Rose, n. sp.

3

2316. *Sida diffusa* HBK.

1

*Anrebia mellea* 1347. Type

2

2321. *Pygmaeum croceum* Rob. & Grunm. n. sp.

1

24



*Zexmenia zinnioides* Hemsl.

\* 2324 \* *Polianthes platyphylla* Rose, sp. nov.

2325. *Pitcairnia Karwinskiana* Schult. f.  
(*P. jaliscana* Watson)

State of  
Durango.

40

1897.

2332 *Calliandra penduliflora* Rose, n. sp.

\* 2323 *Carex*

Mex

\*  
2334 *Tristachya lasa* Scribn. & Merr. sp. nov.

Stats of  
Durango.

August 16, 1897.

2

2336. *Dioscorea heterophylla* Benth.

*basalia laxiflora* (Benth.) Greenman.

2338 *Salvia cryptodonta* Fernald, n. sp.

New. Herb. Gr.

2

2341. *Manfreda elongata* Rose, sp. nov.

2343 *Prinosciadium serratum* C. & R. sp. nov.

J.H.S. New.

5 sp.

2344. *Coreopsis cuneifolia* Greenman n. sp.

State of Durango.

August 16, 1897.

*Liparis vexillifera* Cogn.

*David A. Forster*

1

2347. *Arbutus arizonica*

2

*Liparis vexillifera* Cogn.

1



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100

State of  
Durango -

Aug. 16. 1897

2356 *Muhlenbergia laxiflora* Scribn.

*var. madrensis* Bailey n. sp.

Kew. N.Y.

2358. *Fistuca amplissima* Rupr.

Kew. N.Y.

3

2361. *Museniopsis ovata* C.R. sp. nov.

2362. *Fragaria Mexicana* Schlecht.

2

2364. *Lahlia coccinea* Cav.

Herb. J. E. S. Kew.

Sierra Madre, State of Zacatecas. Aug. 17, 1897.

*Eryngium madrense* S. Wats.  
J. L. S. 1

J. H. S. 1

2

14

my

2371. *Cornus disciflora* DC.  
Mex., Gray, Kew.

Mr. Gray, New.

2

\* 2373 *Agrostis rosei* Scribn. Merr.

sp. nov.

7.4.



2375 *Ramunculus madrensis* Rose, n. sp.

127



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1000

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10

2

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2

1

2388. *Stachys Coccinea* Jacq. Kew.

*Odontotrichum delfiniifolium*  
Rydb. Type!

2393 *Eryngium Buchananum* Hook. & Arn.?  
W.

2394. *Museniopsis orata* C. & R. sp. nov.

2395. *Arbutus xalapensis* HBK.

\*  
2396 *Nolina elegans* Rose n. sp.  
Mex. St. L. Hay

2397 *Lamoureauxia multifida* HBK. Kew.

2398.

Pierra Madre.

State of Zacatecas.

Aug. 18, 1897

24p.

10p.

24p.

Sierra Madre. State of Zacatecas.

Aug. 18, 1897.

2402. *Sabia Grahami* Benth.

2403 *Museniopsis purpurea* C. & R. sp. nov.

✓  
My.

*Steltonae*

2407 *Elionurus barbiculmis* Hackel

3408 *Iva ambrosiaefolia* Gray.

May. Mex. ✓

2409 *Zinnia multiflora* L.

Mr. J. H. K.

2410

2411

2412

2413

2414

2415

2417

2418

2419

2420

*Trichostema*

*Trichostema*

*Trichostema*

*Trichostema*

*Trichostema*

*Erythroxylon pallidum*

*Boerhaavia viscosa*

*Boerhaavia*

*Boerhaavia*

*Boerhaavia*

Mex. Gray. N.Y.

N.Y. Mex.

Gray. N.Y. Mex.

Lag. Rodr.

Gray N.Y.

Mex

State of Zacatecas; near San Juan Capistrano.

48

Aug. 18.

State of Zacatecas; near San Juan Capistrano.

Aug. 18.

2424 *Baccharis glutinosa* Pers.

2425 *Abutilon jacquini* Don. *Abutilon*  
*Abutilon jacquini* Don. *Abutilon*

2427 *Perityle microglossa* Benth.  
Kew. Mex. N.Y.

2428 *Solanum cornutum* Lam.

2429

St. R. Gay New Mex. Mex.



State of Zacatecas; near San Juan Capistrano. Aug. 19.

- 2432 *Sida diffusa* HBK. Brit. Mus.  
2433. *Xanthium Canadense* Mill.  
2434. /  
2435  
2436. *Pectis propetes* Greenman n. sp. ✓  
Kew. Mex. N.Y.  
2437 ✓  
Kew. Mex. Gray. N.Y.  
2438 *Wedeliella glabra* (Chaisy) Cockrell 2  
2439 *Vitheclobium acatense* Benth.  
2440 *Uilla biflora* Cav. 2  
N.Y.  
2441 \* *Krameria interior* Rose & Painter sp. nov.  
2442 *Nicotiana trigonophylla* Dunal

State of Zacatecas; near San Juan Capistrano.

'97

- 2443 *Passiflora foetida* L. Herb. Gr.
2444. *Anoda crenatiflora glabrata* Rose, <sup>Brit. Mus.</sup> <sub>n. var.</sub>  
Herb. Gr. *Anoda crenatiflora glabrata* Rose
- 2445 *Cologethia capitata* Rose, n. sp.  
Cecchi
2446. *Malvastrum tricuspidatum* Gray  
*Malvastrum tricuspidatum* Gray
- 2447 *Marrubium vulgare* Linn.
- Gray Mex. NY ✓
2449. *Abutilon incanum* (Link) Sweet. ✓  
Mex NY
2450. *Eupenhardtia orthocarpus* (Gray) Wats. ✓  
~~repentata~~ Mex
- 2453 *Cenchrus myosuroides* HBK.  
J. 28. Herb. Gr.

State of Zacatecas; near San Juan Capistrano. Aug. 21.

24/55 *Terebinthus multifolia* Rose sp. nov. 3  
Cal. Kew Image N.Y.

2456 *Commicarpus scandens* (L.) Standley 2  
Cal Kew Gray n. y.

Gay. Mex. N.Y.

2462. Friday coronopifolia Hemsl. Mex. N.Y.

2463 *Abutilon reverentum* Watson  
Mex. Ry.  
Gray



2476. *Zinnia bicolor* Hemsl.   
 *hemsl.*

State of Zacatecas; near San Juan Capistrano. Aug. 22.

2478 *Euphorbia heterophylla* L. *My.* ✓

2478<sup>a</sup> *Euphorbia heterophylla* L. *My.*

2479. *Chelone humilis* Rose n.sp.   
 Mex. Gray. ~~My.~~ 2

*St. L. Gray. New. Mex. My.*   
 *Erythraea paludosa* Rose   
 *My. Gray*

2482

*Aeschynomene fascicularis* S. & C.   
 Mex. Gray. 3

2486 <sup>neo</sup> *Trelasea tumida* (Hindley) Rose, n. nom.   
 Mex., Kew, Gray.

Aug. 23.



2

2192



2479-

247

Max. Kew. N.Y.

55

Aug. 23.

12/20



State of Jalisco; on the road from San Juan Capistrano. Aug. 23

Ames. Mex.  
2510. *Prinosciadium tenuifolium* C. & P. sp. nov.  
St. L. N.Y. J. D. S. <sup>my</sup> ~~Ames.~~ <sup>Ames.</sup> 1

2512. *Eryngium Wrightii* Ag.

2

1

1

*Parosela nutans* (Lam.) Rost

Castilleja

6

2520. *Santivallia procumbens* Lam.

J.M.S. ...

... Jalisco

Aug 24

Cucurbit

2

2523 *Anoda cristata* (L.) Schlecht.

*Anoda cristata* War.

1

Cuphea

*Parosela procumbens* (L.)

Cuphea

Gray. M.Y. Mex.

2526 *Musenopsis percedanoides* (HBK.) Cr.R.

*Musenopsis*

1

*Tridacna*

1

Cuphea

2

Cuphea

2530 *Bidens procera* Don.

*Bidens*

Herb. Gr. Kew.

24

Aug. 24.

Ixciguilla, State of Jalisco.

2531

1

2532 *Douteloua* <sup>*chondrosioides* (W.B.K.) Benth.</sup> ~~*harvardi*~~ Gray.

*Harvardi* Gray.

2533

1

*Gutierrezia*

2534

*Acrocomia*

2

*Salsola*

2535

1

*Prosopis*

2537. *Sida neo-mexicana* Gray.

*Sida*

2538. *Agratum albidum* Hemsl.

*Herb. ex.*

2539 *Tridax calycioides* Gray.

2540. *Pectis prostrata* Cav.

*Herb. ex.*

2



Aug. 25,

Huajuquilla, State of Jalisco.

2 sp.

2542. *Hilaria cenchroides* HBK.  
Kew. Blue Sp.

2543

2544

2545

1

1

2

2549 *Lesmenia aurea* Benth & Hook. f.

1 sp.

2550

2551

2552

1

1

2553

2554

2555. *Scutellaria hispidula* Rob.

2558. *Gaudichandia suborticellata* Rose, n. sp.  
Gray. My. Kew. Mex. (type.)

My. Kew. Mex

2562. *Ramirezella glabrata* Rose n. sp.  
Gray. A. L. Kew. ~~Gray~~ My.

My. Mex

Huajuquilla, State of Jalisco.

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Wood between H. & Mesquite, Jalisco.

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61

1897

Aug. 25.

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Road bet. Irujinguilla & Mesquite, Jalisco. Aug. 25

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1

2566. *Lagascia angustifolia* DC. ✓  
Mex

2567 *Rhodosciadium pringlei* Watson. Mex.  
J. U. S. Kew.

2568 *Prinosciadium watsoni* C. R. Mex.  
J. U. S. Kew.

2

*Acacia katwegi* Benth. ✓  
Mex. Ny.

2571. *Polianthes graminifolia* Rose. Tex. ✓  
Gay St. L. Kew. Mex. Ny.

2572. *Mimosa acanthocarpa* Benth.  
J. U. S.

*Berlandiera lyrata* Benth.  
St. L. Kew. Mex. Ny.

*Florastina pedata* Cass.

Aug. 25

Road bet. Huejutla & Mesquite, Jalisco.

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35 pul

Kew. NY. Mex  
2

2577 *Physalis subintegra* Fernald, n. sp.

2 2580 \* *Ptelea* <sup>*acutifolia* Greene & Rose</sup> <sup>sp. nov.</sup> (*trifoliata mollis* Torr.)

2581. *Sida anomala* St. Hil.

2582 *Cathartechum prostratum* Presl.  
*erectum* Vasey & Hack.

Mex. NY.

2585. *Agratum corymbosum* Zucc. var?  
*sub l.*

Aug. 21<sup>st</sup>,

- 2586 *Thalictrum lapillosum* Rose, n.sp.

*Paraceraspiza frontalis* (K. T. 1)

- 2588 *Bouteloua hirsuta* Lag.

- 2589 Calochortus bonplandianus Schult. s.

J. L. B. Nov. Herb. Gr. M.

2590. *Quercus praeco.*

601-798-8888

- 2592 *Manfreda brachystachys* (Cav.) Rose  
H. L.

24.2

- 2594 *Mayaranthus solanaceus* Schl.

- 2595 *Milleria quinqueflora* L.

Mr. J. H. Kent

Road bet. Huizinguilla & Mesquitas, Jalisco.

1202.

•

2000

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2 of 3

10

1990

Mesquite

 $\frac{1}{2}$ 

427.

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State of Jalisco.

Road between Toluca & Mexico.

Moctezuma

65

1897  
Aug. 26.

*Polianthes platyphylla* Rose. type  
H. L. Kew. Gray. Mex. Mex.

*Polygala pringlii* Watson.

2599a *Polygala gloschidiata* HBK.

My V.

2601 *Salvia frutescens* Fernald, n. sp.

2605 *Bidens proserpa* Don.

2606 *Physalis subintegra* Fernald, n. sp.

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2608. *Pyrenium rosei* Rob. & Grev. n. sp.

2609 *Panicum bulbosum* HBK.

2610 *Cologania intermedia* H.B.K. Nov. Gen.  
N.Y.

2614. *Muhlenbergia affinis* Trin.

2617. *Baccharis pteronioides* DC.

\*Road bet. Mesquiteras & Monte Escobedo, Jalisco. Aug. 26.

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Aug. 26.

Road bet. Mesquites &amp; Monte Escobedo Jalisco.

Road bet. Mesquites &amp; Monte Escobedo.

" " " " "

Near Monte Escobedo Jalisco

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2619

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2622

2623 *Museniopsis purpurea* C.R. sp. nov.

2

2624

2626 *Arbutus glandulosa* M. & S.2627 *Lamourea rhinanthifolia* HBK.

2628

2629

2630 *Verbena hypomalaea hypochlora*  
Rob. & Grunni. n. var.

68, 197

Aug. 26,

Near Monte Escobedo, Zacatecas.

W  
N  
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W

423

47

2633

2632

1248

2

263/ *Indigomita*

Re-birth 5



















J. N. Rose





Jalisco, Mex. Road betw. Mezquitic & Montescabedo Aug. 26, 1897

2601 *Salvia fruinosa* Fernald, n. sp.  
 Mex. Herb. Gr. ✓

2602 *Comm.*

2603 *Rubi* ✓

2604 *Crucif.* /

2605 *Bidens prostrata* Kun.  
 Herb. Gr.

2606 *Physalis subintegra* Fernald, n. sp.

2607 *Indigofera*  
 Mex. My. ✓

2608 *Perymenium rosei* Rob. & Grunm. sp. nov.  
 J.D.S. Herb. Gr. ✓

2609 *Panicum bulbosum arenaceum* (HBK.) Beal.  
 Mex. My. ✓

2610 *Colgania intermedia* HBK. not seen

2611 *Orchid* ✓  
 Ames



2612 *Maize*

2

2613 *Sporobolus* <sup>*trichodes* A.S. Hitchc.</sup> ~~*minutiflorus*~~ Link.

3

St. R. New Mex Gray. My.

2614 *Muhlenbergia affinis* Trin. <sup>Mex.</sup> ~~St. R. New Mex~~  
(*Spart?*) " *Schomburgkii* Trin. J. H. B. Herb. Gr. Kew.

2615 *Setchellium*

4

2616 *Chenopodium*

2617 *Baccharis floribunda* DC.  
Herb. Gr. Kew.

2618

My. Mex ✓

2619 *Tag.*

Mex ✓

2620 *Quercus*

2621 *Cupressus*

/

2622 *Valer.*

2

2623. *Maseniopsis purpurea* C+R. n. sp

Jalisco, Mex. Road betw. Mezquiter & Monte Escobedo Aug. 26, 1897

Road between Mezquiter & Escobedo, State of Jalisco. Mex. Aug. 26, 1897.

2624 *Arracacia montana* C.R. sp. nov.

2625 *Lupinus*

2626 *Arbutus glandulosa* M. & S.

2627 *Samouropia rhinanthifolia* HBK.

*Strob. G. B. S.*

2628 *Prochnyanthes viridescens* Watson  
Gray.

2629

2630 *Virbina hypomalaca hypochlora* Rob. & Griseb. n. var.

2631 *Leg.*

2632 *Leg.*

2633 *Leg.*

2634.

2635- *Salvia Mexicana* L.Mex. My. ✓  
12636 *Budens*

2637

3

2638 *H. J. ...*

4

2639 *Lupinus*2640 *C. ...*2641 *Salvia leucantha* Cav.

Mex ✓

2642

2643

My. ✓

2644.

My ✓

Monte Pescado *Salvia*

1 In plaza, Monte Escobedo, Zacatecas.

Aug. 27,

near

St. L. Kuw. ✓

2651. *Nissolia wislizeni* Gray

2

1

near

In section, 8 miles south of San Antonio Agua

Abasco, 2 miles south of San Antonio

" " " " "

up San Antonio Agua San Antonio

" " " " "

up

" " " " "

San Antonio, 2 miles south

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3

2657

*Curatella*

2657. *Montanoa samalensis* Coult.

*Curatella*

*Curatella*

2658 *Thalictrum papillosum* Rose, n. sp.

*Thalictrum*

*Thalictrum*

2659

*Phacelia*

2660 <sup>no</sup> *Rebacea tumida* (Findley) Rose, n. nov.

*Rebacea* Mx. Gray, Mo.

2661

*Curatella*

2

2662 *Notholaena schaffneri mexicana* Dorenp.

*Notholaena*

Mx.

*Notholaena*

2663 *Sotandra guttata* Don.

*Sotandra*

2664

*Curatella*

1

2665

*Montanoa*

Mx. Gray, Kew.

2666

*Curatella*

2



Aug. 28,

2667. *Steria viscida* HBK. (*S. laxiflora* DC.)

2668 *Dysodia canellata* Gray.  
Hort. Gr.

2670 *Malvariscus prenglei* Baker, f.  
Rust. Mex. Hort. Gr.  
*Malvariscus prenglei* Baker

2672 *Bouteloua bromoides* Lag.  
radicosa (Fourn.) Scribn. & G. R. S.  
Mex. My.

2673 *Mimosa minutifolia* Pol. & Gussone  
My. Mex

Near Monte Escobedo, Zacatecas.

Polotla  
Buenos Aires  
Monte Escobedo  
Zacatecas

20 ft. high

2 ft. high

2 ft. high

2678 *Casimiroa edulis* Kar. & Lex.

2679. *Prochnyanthus viridescens* Watson.  
Mx.

2681. *Heterospermum pinnatum* Cav.

2682 *Salvia leptostachys* Benth.

2684. *Zinnia multiflora* L.

2685. *Quercus jaliscensis*

2686.

*Sisyrinchium*

*Phacelia*

near Cololton, State of Jalisco.

Aug. 28.

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Aug. 31.

Det. Colotlan & Platrado, Jalisco.

2

2

Aug. 31.

2691. *Arbutus arizonica*

1

my

2692 *Prinosciadium watsoni* C.R. Brit. Mus. Mex. M. Y.

2693. *Quercus oligodonta*

1

*Senecio stoechadiiformis* DC. Det. J. M. Greenman. Mex. M. Y.

2695 *Mimosa buincifera* Benth.

Mex. M. Y.

Zacatecas

2698. *Stachys coccinea* Jacq.

St. L. Kew. Mex. M. Y. May

Sep. 2

2700 *Tagetes tenuifolia* Cav.  
*Tagetes* *Hort. Gr. Kew.*

2701. *Tridax coronopifolia* Hemsl.  
*Corop* *Hort. Gr. Kew.*

2702  
*Tridax*

2703  
*Tridax* *Gray Kew. Mx. Mex.*

2704  
*Coffea*  
*Lecmanthus* *W. & A. formula* *29. 1000*  
*Hort. Gr.*

2705  
*Tridax*

2706  
*Tridax*

2707  
*Tridax*

2708 *Sporobolus indicus* R.Br. *Kew.*  
*Tridax*

2709 *Anoda cristata* (L.) Schlecht.  
*Anoda* *Hort. Gr.*

2710 *Viguiera Rosei* Greenman n.sp.  
*Tridax* *Mex. Kew. Mx.*

On the road from Colatlan, Tacatecas.

Aug. 31

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2711. *Lychnis Coronaria* L. var.

Hb. Gr. Kew. 24

2712. *Poa annua* L.  
*infirmus* HBK.

Kew. Herb. Gr. 1

Mex NY ✓  
1

24  
2

NY. Mex. ✓  
2

2721. *Quercus rhodophlebos* apus  
Kew. Mex. NY ✓  
1

State of Zacatecas,

" " "

" " " On Sierra de las Morones. Sept 1

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722

2724 *Iodogamia pulchella* HBK.

July 8. Mex. New.



2726 *Asplenium monanthemum* Willd.

Nov. 1864.

2727 *Bromus ciliatus minor* L.

Jas. Geo. Geo. Geo.

2728 *Acrostichum pilosum* HBK.

1892

4

2730 *Calia sedumcularis longifolia* Gray.

Ad. H. 10

2731 *Musenopsis glauca* C. & R., sp. nov.

Zacatecas, Sierra de los Morones.

Near Plateado.

14

Sept. 1, 1.

[illegible]



*Dalea submontana* R. & S. sp. nov. ✓  
Gray My.

*Salvia angustifolia* Cav. ✓  
Mex My.

Gray Mex. My.

2747 *Notholaena ferruginea* Desv.

2748 *Schkuhria virgata* DC. ✓  
Herb. Gr. Mex. ✓  
Mex

2749 *Polymnia maculata* Cav.

2750 *Stipa virescens* HBK.

2751 *Polygonum subsquarrosa* R. & G. ✓  
J.H.B. Herb. Gr. Mex. ✓  
n. sp.

2752 *Prionosciadium mexicanum* (Vatke) Wats. ✓  
J.H.B. Herb. Gr. Mex. ✓

Mex My

Mex My ✓

Atlix, Zacatecas.

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Agave

1

2

1

2758 *Andropogon saccharoides barbinodis*  
(Lag.) Hack.

5

Gerardia

2760 *Colozania martia wals.*  
Mx. Gray

2762. *Cosmos bipinnatus* Cav.

Mex. Gray

Gray Mex. Mx. ✓

Gray Mx. Mex ✓  
3

Platón, Zacatecas.

Sept. 2-

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Sept. 3.

2746. *Saracha umbellata* Don.

Herb. Gr.

2747. *Piqueria trinervia* Cass.

Herb. Gr. low

*Viguiera linearis* (Cav.) Schz. Bip.

*Alternanthera*

*Bahia glandulosa* Griseb.

2773. *Stevia serrata* Cav.

Herb. Gr. low

Platrado, Zacatecas.

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Sept. 3.

Platero, Zacatecas.

2

2781 *Paspalum* (inops Vasey.)

convexum V. & B.

2782 *Bouteloua* ~~harvardi~~ *chondrosioides* (H.B.K.) Benth.

St. R. Gray, New Mex. Mx.

2784 *Solanum tuberosum* L.

2

2786 *Muhlenbergia* (calamagrostidea Kunth. =) *quitensis* (H.B.K.) Hitchc.

John H. ...

1

30p

30p

... ..

Platado, Zacatecas.

2

8

Gray. Mex. NY.

2791 *Aegopogon geminiflorus* HBK." *tenellus* (Cav.) Trin. Herb. Gr.2792 *Pellaea ternifolia* (Cav.) Fée2793 *Aristida schiedeana* Trin. Rupt.2794. *Lycurus phleoides* HBK.

Herb. Gr. Kew.

2795 *Pellaea cordata* (Cav.) J. Smith.

Herb. Gr.

2796 *Woodsia mexicana* Fée

2797

Sept. 4-

Plateado, Zacatecas.

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Jalisco

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2804. *Salvia Grahami* Benth.

Herb. Gr. Kew  
Matricaria Chamomilla var. Coronata Gay.  
Mey. ✓

2806. *Quercus rhodophlebos*

Oct.

2807 *Arracacia montana* Crk. sp. nov.

*Anacacia* sp.

2808. *Nicotiana glauca* Graham.

Oct. 1899.

2809. *Galinsoga parviflora* Cav.

J.D.S. Kew. Har. Jc.

*Sechiopsis huqueha* Rand.

Sept. 6, '97

Colothan, Jalisco.

2811

1

2812 *Aristida bromoides* HBK.  
Gray. Kew. NY. Mex.

2813 *Missolia hirsuta* DC.

J.D.S. Kew. Herb. Gr.

2814 *Zexmenia ceanothifolia* Sch. Bip.  
St. L. Mex. Kew. NY.

2815 *Verbena serrata* Cav.

Kew.

2816

3

Agave

2817

2818

2819. *Melampodium sericeum* Lag.  
Herb. Kew.

2820 *Solanum elaeagnifolium* Cav.

2821

Cucurbit

2

Sept. 7

Bolanos,  
Ber. Colotau, Jalisco.

2

2824 *Notholaena sinuata* Kaulf. *Brit. Mus.*  
*form. Jos. New. Herb. Gr.*

2825 *Cosmos sulphureus* Cav.  
*Cosmos sulf.*

2

2827 *Gymnoloma parkinsonii* (Hemsl.) *flaviflora.*  
*Herb. Gr.*

*basalia sessilifolia* Hook. & Arn. (ex char)

2829 *Pectis Canescens* HBK.  
*Pectis canescens HBK. New. Herb. Gr.*

3

2



Sept. 8-

*Liparis vericillifera* Cogn.  
 my.

Bat. Colotlan & Bolanos, Jalisco.

2834. *Prionosciadium filifolium* C.R. sp. nov.

Pringle St. L. M. J. S. Kew. Herb. Gr.

*Besleria elegans* Schult.

Herb. Gr.

2836. *Prionosciadium serratum* C.R. sp. nov.

My. Kew. Herb. Gr.

2837 *Dryopteris patula chaerophylloides* (Moritz) Baker.

2838 *Isomifolia* M. J. S. Kew. Herb. Gr.

2839. *Asclerium amorphoides* Rose.

J. S. L. N. Y.

2840 *Thalictrum jaliscoanum* Rose, n. sp.

Thalictrum

\* 2841. *Tripsacum pilosum* Scribn. n. sp.

Herb. Gr.

2842. *Brickellia lanata* Gray.

Comp. Kew. Herb. Gr.

Gray New Mex. M. J.

2844. *Salvia Rosei* Fernald, n. sp.

J. S. L. M. J. S. Kew. Herb. Gr.

\* 2845 *Okenia rosei* Standley sp. nov. 6

*Basidiophora*

2

*Basidiophora*

1

*Basidiophora*

2

*Basidiophora*

1

*Basidiophora*

*Basidiophora*

Gray New. ~~sp.~~ My.

2852 *Missolia hirsuta* DC.

*Lept.*

2853. *Ramirezella glabrata* Rose, n. sp. type

*Basidiophora* M.

2

*Lept.*

2855. *Euphorbia heterophylla* L.

*Basidiophora*

My ✓

*Basidiophora*, Jalisco.

2845

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*Basidiophora* Jalisco

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*Basidiophora*

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2856 *Lagasea decipiens* Hemsl. ✓  
 L. L. New Mex. N.Y.  
*Echinopora jaliscana* Rose

Rew. N.Y. Mex.

2859<sup>a</sup> *Urechynonema amorphoides* Rose <sup>Kew. Brit. Mus. N.Y.</sup>  
 ene mor. or. Rose <sup>Herb. Gr. N.Y.</sup>  
 3

2861 *Loranthus*

2862 *Salvia populifolia* Fernald, n. sp.  
 Kew. Herb. Gr.

2863 *Conterophytum pubescens* C. R. sp. nov.  
 J.D.S. (Brit. Mus.) Kew. Herb. Gr.

2865 *Rhodocladium pringlei* Wats. <sup>Brit. Mus. N.Y.</sup>  
*Rhodocladium pringlei* Watson <sup>J.D.S. Kew.</sup>

2866 *Porophyllum obtusifolium* DC.

Bolaños, Jalisco.

Sept. 10-19

Road bet. Colotlan & Bolaños  
 Near Bolaños

7-9-

Bolamos, Jalisco.

*Eupatorium dasycarpum* Gray.

1

*Trichostema*

1

*Andryala*

3

2872. *Sclerocarpus uniserialis* Benth. & Hook.  
Herb. Gr. Kew.

1

*Argemone*

*Encelia mexicana* Gray Mex. M.

2875. *Encelia mexicana* Mart.  
Herb. Gr. Kew.

2

*...*

*...*

Mex. Kew.

*...*

*...*

*...*

Bolanos, Jalisco,

Sept. 10-19

2

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1

3

2883. *Peperomia umbilicata macrophylla*  
C. de Candolle

St. L. Mex.

2

2886. *Abutilon jacquini* Don. Brit. Mus.  
Herb. Gr. Kew



Sept. 10-19.

Bolaños, Jalisco.

*Neotrichaea tumida* Rm

5

*Trichomanes*

2

*Acacia*

*Acacia intermedia* Rm. n.

74-1

2894. *Passiflora foetida* L.

3

2

*Passiflora*

*Cucurbit*

✓ H

My. Mex 2

2899 *Setariopsis latiglumis* Scribn. (Vasey) Mex.

" *auriculata* (Torr.) Scribn. J.S.S. Herb. Gr. Kew. 50p.

Contr. U.S. Nat. Herb. 7-259. 1913

Sept. 10-19.

2900 *Cleome humilis* Rose, n. sp.*Cleome*

J.D.S. Kew. Herb. Gr.

Bolanos, Jalisco.

2901

*Cleome*2902 *Allionia viscosa* (Cav.) O. Ktze.*Allionia*

2903

*Allionia*

St. L. Mex. NY.

2904 *Sida diffusa* HBK.*Sida diffusa*

J.D.S. Kew. Herb. Gr.

2905 *Abutilon reverentum* Watson.*Abutilon reverentum*

Watson.

2906 *Hibiscus biseptus* Watson.*Hibiscus biseptus*

J.D.S. Kew. Herb. Gr.

2907 *Talinum chrysanthum* Rose Standley sp. nov.

St. L. Mex. Gray. NY.

2908

2909 *Anoda cristata* (L.) Schlecht.*Anoda cristata*

Kew. Herb. Gr.

2910 *Notholaena schaffneri mexicana* Dorenp.*Notholaena*

Kew. Herb. Gr.

Sept. 10-19-

Bolavos, Jalisco.

2911 *Datura quercifolia* HBK.

Kew. Herb. Gr.

3

2913

St. L. Kew. Mex. M.

2914. *Cotlea pappophoroides* Kunth

J.D.S. Kew. Herb. Gr.

2916 *Anoda crenatiflora glabrata* Coze, n. var. ✓

*Anoda crenatiflora glabrata* Mex. M.

2917. *Mimosa fasciculata malacocarpa* Rob. n. var.

J.D.S. Kew.

2919 *Mimosa rosea* Robinson, n. sp.

J.D.S. Kew.

2

Sept. 16-19,

Bolavos, Jalisco.

2923 *Lipsona convolutacea* Cham. + Schlecht.

Hb. Gr. Kew.

2923

2924 *Calliandra penduliflora* Rose, n. sp.

J. W. S. Hb. Gr. Kew.

2927. *Olöpaßpus acuminatus* Watson.

My. J. W. S. Kew. Hb. Gr.

2928 *Wissadula scabra* Presl.

Kew. Hb. Gr.

2929. *Bouteloua curtispindula* Torr.

Hb. Gr.

2930

2931

My. ✓

Herb. 10/11/19

Herb. 10/11/19

Herb. 10/11/19

Herb. 10/11/19

Herb. 10/11/19

1-1/2

Herb. 10/11/19

Herb. 10/11/19

Sept. 10-19

Bolavos, Jalisco.

St L. My. ✓

2934 *Ceiba tomentosa* (Robinson) Britten & Baker.

2937

*Aeschynomene fascicularis* S. & C. Baw.2938. *Andropogon contortus* L.

M. p. J. U. S. B. Kew. Herb. Gr. (2 mid. sp. sub.)

2939. *Montanoa subtruncata* Gray.

Baw. Herb. Gr. ✓

2940 *Bolanosa Coulteri* Gray.

My ✓



- 2943 *Cosmos exigens* Gray.  
Kew. Herb. Gr.
2944. *Harpalyce mexicana* Rose, sp. nov.  
Kew.
2945. *Periptera periptera* (Simms) Rose  
Kew. Herb. Gr.
2946. *Passiflora suberosa* L.  
Kew. Herb. Gr.
- 2947 *Perityle Rosii* Greenman n. sp.  
Kew. St. L. NY.
- 2948 *Prophyllum obtusifolium* DC.  
Kew. Herb. Gr.
- 2949 *Calochortus hartwegii* Benth.  
Kew.
- 2950 *Maurandia rosei* Kunze  
Miss.
- 2951 *Scutellaria distans* Fernald, n. sp.  
Kew.
- 2952  
Kew.
- 2953  
Kew.

Bolavos, Jalisco.

Sept. 10-19-

2943	Sept. 10-19-
2944	Sept. 15-17.
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Sierra Madre, west of Bolaños, Jalisco.

2954 *Aquilegia madrensis* Rose sp. nov. 2  
Cal. Kew N.Y.

2955 *Cosmos cichnifolius* HBK.  
M. J. M. B. Kew. Herb. Gr.

2956 *Andropogon melanocarpus* Ell.  
(In part? " *rufus* (H. B. K.) J. A. B. Kew. Herb. Gr. 4

2958. *Quercus triangularis*, 2

2960 *Quercus pallescens* 1

2

1

2

2



'97

Sept. 16,

2976 *Stevia lucida* Lag.

2477 *Ageratella microphylla* Gray. ✓  
St. L. Mex. Ny.  
*tricodonta* Blakely

2978 *Perityle* <sup>trudonta Bled.</sup> ~~jaliscans~~ Gray. <sup>St. L. Mex. May</sup>  
Kew. Herb. Gr.

2979\* *Lopezia stricta* Rose sp. nov. 2  
Aug. N.Y.

2983 *Liabum Palmeri* Gray.

2984. *Muhlenbergia affinis* Trin.  
Kew. Herb. Gr.

2987.

2

Sierra Madre, west of Bolanos, Jalisco.

Sept. 16,

2988. *Eragrostis*

= Schaffner No. 7.

2989

my 2

2990

1

2991

2

2992

2993. *Pachyphytum amethystinum* Rose sp. nov.

2994 *Isteria Rosei* Robinson, n. sp.  
Mex., New.

2995 *Bidens heterophylla* Ort.  
New Herb. Gr.

2997 *Episcampes robusta* Fourn.

New Herb. Gr.





Pirra Madre, west of Bolaños, Jalisco.

Sept. 17

3013 *Terbinthia glabrescens* (S. Wats.) Rose Mex. 4

Mer. My.

3014\* *Terebinthus subtrifoliata* Rose sp. nov.

7. 4.

3017 *Passiflora mexicana* A. Juss.

3018. *Lahlia Coccinea* Cav.

Sierra Madre, west of Bolaños, Jalisco .. Sept. 17.

Retention Bolanus + Brachidogon. Saline  
forest yellow.

200. *Salix repens*, L. var. *repens*, L.

3019. *Glaveria repanda* Lag.

3020. *Lernanthus virgatus* Willd  
Kew. Herb. Gr.

3022

3024. *Quercus oligodonta*

3025

302

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

3024 *Aspilota* (?) *aggregata* Greenman, n. sp. ✓  
My.

Bab. Bolanos & Guadalajara, Jalisco.

Sept. 19.

Sept. 20.

Barro Colorado, Guadalupe, Jalisco.

On the road

Zacatecas

3030 *Eupatorium pulchellum* H.B.K.  
St. L. My.

3031 *Gymnoloma parkinsonii* Hemsl.  
Comp. 1

3032 *Hesperis*

3033 *Centaurea americana* Nutt.  
Comp. New. Herb. Gr.

3034 *Lopezia glandulosa* Rose sp. nov. 1  
N.Y.

3035 *Onoxalis occidentalis* Rose sp. nov. 1  
My

3036 *Grassia anomala* (Hemsl.)  
" bella HBK. My. Gr. 3

3037 *Lycium* 1

3038 *Loranthus*

3039 *Prinosciadium linearifolium* (Watson) C.R.  
New. Herb. Gr.

3040 *Cacalia jatrophioides* HBK.  
Herb. Gr. 1

comp.

Slender 5 ft high slender

Grass-like tree

comp.

1

3341. *Pitcairnia Karwinskiana* Schult. f.  
(*P. jaliscana* Watson) Kunz. Hort. Gr.

5. 2. 4. 2.

2000

3044. *Gymnolomia decumbens* Robinson. ✓  
St. L. N.Y.

325

3046. *Periptera periptera* (Sims) Rose.

3047 *Prinosciadium curvatum* C. & R. sp. nov. Brit. Mus.  
J. & B. H. & J. K. & J. K.

570

34.4

3150

Bar Bolaños y Guadalajara, Zacatecas.

Sep. 21.

20/11



Bat. Bolanos + Guadalajara, Jalisco. 32

3053 *Pithecia macrophylla* Watson.

" " " " " "

3054

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3055

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3056

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3057. *Prinosciadium acuminatum* Rob. in litt., sp. nov.

" " " " " "

3058

" " " " " "

3059 *Porophyllum viridiflorum* DC.

" " " " " "

3060

" " " " " "

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3061

" " " " " "

3062

" " " " " "

3064 *Kosteletzkya paniculata* Benth.  
*Kosteletzkya paniculata* Benth.

3066. *Biden palmieri* Gray.

3067

3068

3069

3070

3071 *Anoda cristata* (L.) Schlecht.

3072

3073 *Leucaena plumosa* Standl.

Det. Bolanos + Guadalajara, Jalisco.

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Det. Bolanos + Guadalajara, Jalisco. Sept 22

Det. Bolanos + Guadalajara, Jalisco. Sept 26

Det. Bolanos + Guadalajara, Jalisco. Sept 27

Det. Bolanos + Guadalajara, Jalisco. Sept 28

3074 *Sphaeralcea angustifolia* (Car.) Don.

3075

2

3076. *Turbinia Encelioides exauriculata* Rob. & Grumm.

3077. *Lepachys Columnaris pulcherrima* T. & G.

3078 *Nedelia incarnata* (L.) Cockerell

3079. *Zinnia linearis* Benth.

J.M.S. New. Ind. Sp.

3080

On road bet. Bolaños & Guadalajara Jalisco Sep. 20.

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"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

3085 *Lahlia Coccinea* Cav.

3086 *Eriogonum angustifolia* Kunth

3088 *Polianthus graminifolia* Rose sp. nov.

On road bet Bolanos & Guadalajara Jalisco. Sep. 20.

" " " " Zacatecas " 21.

" " " " " " " "

" " " " " " " "

" " " " Jalisco " "

" " " " " " 22

" " " " " " " "

" " " " " " " "

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3096 *Ceiba tomentosa* (Robinson) Britten & Baker

3097. *Manfreda brachystachya* (Cav.) Rose.

3098 *Prochyanthus viridescens* Walp.

3100

3101.

3102. *Sida acuta carpinifolia* (L.f.) Schum.

3103.

3104.

3105. *Casimiroa edulis* Har. & Lex.

3106.

3107.

On road bet. Bolanos & Guadalajara, Jalisco. Sep. 22

" " " " " " " " " " " "

" " " " " " " " " " " "

" Ab. Guadalajara, Jalisco. " " 24

Mazatlan, State of Sinaloa. June 14-19, 1897.

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3108.

3109.

3110. *Cenchrus echinatus* L.

3111.

3112.

3113.

3114.

3115. *Eragrostis ciliaris* (L.) Link3116. *Mimosa camporum* Benth.  
H. G.

3117.

3118.

3119. *Casimiroa edulis* Klav. & Lex

Mazatlan, State of Sinaloa.

" " " "

Rosario, " " "

" " " "

" " " "

Acaponeta, Territorio de Tepic.

" " " "

" " " "

" " " "

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" " " "

" " " "

June 17-19, 1897.

" " "

" 21, 1897.

" 22, "

" 24 "

July 3, "

June 23-30, "

July 1-3, "

" 4 "

" 1-3 "

" 1-3 "

" " "

My

33120. *Conepia polyandra* (HBK) Rose.

3 3121. *Lisecora*

3 3122.

3 3123.

3 3124.

२३१२५.

3 3126.

33127.

33128.

3329.

33130 *Waltheria americana* L.

3131. *Sida cinerea* Baker, f. §. Herb. Gr.

2, 3132.

St. L. Mo.

3 : 3133

3 : 3134

3135. *Eragrostis ciliaris* Link.

3. 3136.

2-3137.

3138

✓  
StL. my.

3. 3139.

3 3140.

3 31 f 1.

3 3142. *Malothuria scabra* Naud.

3 3143. *Nicotiana Tabacum* L.

Acaponita, Territorio de Tapic.

June 23-30. 1897

3 3144.

3 3145.

3 3146.

3 3147.

3 3148.

3 3149.

3 3150.

3 3151.

3 3152.

3 3153.

3 3154. Agave

3 3155.

my. ✓

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2

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Acaposta, Territorio de Tepic.

June 27, 1897.

" " " "

23-30

" " " "

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" " " "

" " " "

July 2, 1897.

" " " "

" 22-30 "

" " " "

June 23-30 "

" " " "

Concepcion, State of Sinaloa.

July 4, 1897.

" " " "

" " " "

" " " "

3156.

\* 3157. *Mimosa pungens* Robtson n. sp.

3158.

3159.

3160. *Sida acuta carpinifolia* (L.f.) Delann.

J.D.S. Brit. Mus. Herb. No. 11.

3161. *Ceiba grandiflora* Rose

3162.

3163.

3164.

3165.

3166.

3167.

On road between Acafoneta &amp; Rosario, Sinaloa. July 5-6, '97

" " " " " " " " " " " "

" " " " " " " " " " " "

Rosario, State of Sinaloa. " " "

" " " " " " " " " " " 6-10."

" " " " " " " " " " " "

12p.

" " " " " " " " " " " "

" " " " " " " " " " " 8, "

" " " " " " " " " " " 7 "

" " " " " " " " " " " 7-10."

Acafoneta, Territorio de Tepic.

" 2, "

" " "

18p.



3168.

3169.

3170.

3171. *Euphorbia barbellata* Eng.

3172.

3173.

3174.

3175.

3176.

3177. *Tridax procumbens* L.

3178.

3179.

On road between Acaponeta + Rosario, Sinaloa. July 4-6, 1897.

1

Rosario, State of Sinaloa.

" 6-11. "

" " " "

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Near Palmarita, State of Sinaloa.

" 12 "

2

Bar. Rosario + Colomas, Sinaloa.

" 12 "

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Foothills of the Sierra Madre, Sinaloa, near Bolamas.

July 13-20, 1897.

" " " " " " " " " " " "

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July 18, 1897.

" " " " " " " " " " " "

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At Bolamas. " " " "

" " " " " " " " " " " "

Near " " " " " "

" " " " " " " " " " " "

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" " " " " " " " " " " "

Above " 13-20."

" " " " " " " " " " " "

3192.

3193.

2

3194.

4

3195.

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3196.

3197.

3198. *Sida acuta carpinifolia* (L.f.) Sehm.

3199.

3200. *Mimosa guatemalensis* Benth.

3201. *Polypodium pectinatum* L.

3202.

3203.

3204.

1

Foothills of the Sierra Madre, Sinaloa, near Colomas. July 13-20 1897.

3205.

Colomas

3206.

3207.

*Alphina*

3208.

1

3209.

Near Colomas -

3210.

3211.

3212.

3213. *Terebinthus attenuata* Rose sp. nov.

3

3214.

3215. *Bombax palmeri* Watson. Kew. Herb. Gr.

July 16.

17.

21.

Foothills of the Sierra Madre, Sinaloa, near Colmas. <sup>1897</sup> July 19.

3216.

3217. <sup>\*</sup>*Sonoxalis tridentalis* Small sp. nov.

3218.

3219. *Piper galscamum* Des. Wats. C. de Condolle. 1899.

3220.

3221.

3222.

3223.

3224.

3225.

3226.

3227.

" " " " " " " "

" " " " " " " 20,

" " " " " " " "

" " " " " " " Above Colmas. " 18-20.

" " " " " " " Near " " 21-

" " " " " " " 20,

" " " " " " " "

" " " " " " " "

" " " " " " " 14,

" " " " " " " 13-20

" " " " " " " "



Foothills of the Sierra Madre Sinaloa. — Idomas. July 14, 1897

July 13-20

3228.

3229.

3230.

3231.

3232. *Opium micranthum* Willd.

3233. *Wedelia acafulcensis* HBK.

323 f. *Piper Rosei* C. DC. C. de Candolle, 1899.

5235.

3236. *Bauhinia*

3237.

3238.

3239. *Zinnia linearis latifolia* Rose.

Foothills of the Sierra Madre, Sinaloa, near Colomas. 1897.  
July 21,

3240.

3241.

3242.

3243. *Datura arborea* L.

Коп.

Herb. Gr.

3244.

3 2 4 5.

3246.

3247. *Melampodium paludosum* HBK.

3248.

3279.

3250. *Adiantum patens* Willd.

3251.

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1897

Foothills of the Sierra Madre, Sinaloa, near Colomas July 16

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Det. Concepcion + Acapulco, Tepic. " 29.

" " " " " " " " " "

Rosario, State of ~~Sinaloa~~. " 22.

" " " " " " " " " "

" " " " " " " " 23

" " " " " " " " 26

" " " " " " " " " "

Det. Rosario + Concepcion " " 27

3251<sup>a</sup>

3251<sup>b</sup>

3251<sup>c</sup>

3251<sup>d</sup>

3252.

3253

3254

3255

3256

3257 *Wedelia acapulcensis* HBK. St. L.

3258

3259 *Elaphrium occidentale* Rose  
e *Teschinthus arborea* Rose sp. nov.

✓  
my.  
✓  
my.  
4-

Bet. Rosario & Concepcion, Sinaloa.

July 27.

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32 3260

32 3261.

32

32 3262

32 3263 *Malvastrum tricuspidatum* Gray.

32 3264

32 3265. \* *Litoralis occidentalis* Rose sp. nov. /  
My

32 3266.

32 3267.

32 3268.

32 3269.

32 3270.

32 3271. *Melampodium Rosei* Robinson n. sp.

Field Mus. N.H.

28

3272.

$$32 \cdot 3273.$$

32 3274

32 3275-

32 3276.

32 3277.

32 3278.

32 3279.

32' 3280.

3. 3281. *Panicum stramineum* Hitchc. & Chase 1

3: 3282.

3 3283.

✓ my

2

1

Bat. Rosario + Concepcion, Sinaloa. July 28.

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" " " " "

" " " " " "

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→ Acafoneta -

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Near Acaponeta, Jalisco. " 29.

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1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.



Near Acapulco, Tzic.

July 29.

3284.

3 3285

3286. *Argemone ochroleuca* Sweet.3287. *Euphorbia*

3288.

3289.

3290. *Sida acuta carpinifolia* (L.f.) Schum.

3291. -

3292. *Sida acuta carpinifolia* (L.f.) Schum.3293. *Bonteloua hirsuta* Lag.3294. *Paspalum plicatulum* Michx.3295. *Mimosa camporum* Benth.

71. Epiphy. J. B. Kew. Herb. Kew.

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3296.

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32 : 3299.

32 3300

32 3301

32 3302 *Tragoceras zinnii* oides HBK.

Mr. Snag, New

32 3303 *Chaetochloa liebmanni* (Fourn.) Scribn.

3: 3304.

3. 3305. *Triumfetta discolor* Rose sp. nov.

3: 3306.

3 3307

Near Acapulco, Tuxtepec.

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On plaza

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Bab. San Blasito - Aguacata. Sept. Aug. 5.

Pedro Paulo.

Bat. Pedro Paulo = San Blasito.

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July 30,

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3308.

3309.

3310. *Couepia polyandra* (HBK.) Rose.

3311.

3312.

3313. *Pygmaeum tenellum* Gray. *Herb. Gr.*3314. *Museniopsis purpurea* C.R.K. sp. nov.

3315.

3316.

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Bet. Acaponeta &amp; Pedro Paulo. Sept. Aug. 2.

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Near Santa Teresa .. 8

Acaponeta &amp; Pedro Paulo. .. 2.

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Pedro Paulo.

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3321. *Dioscorea plumifera* Rob.  
Herb. Gr.

3322. *Dorstenia*

3323. \* *Lonoxalis macilenta* Small sp. nov.

3324.

3325. *Dryopteris parasitica* L.

3326. *Dryopteris parasitica* L.

Herb. Gr.

3327. *Dryopteris ampla* (Mett.) Gilbert.

3328.

3329. *Zinnia greggii* Rob. + Greenm.

3330. *Dryopteris contermina* (Willd.) Kuntze

3331.

67

Pedro Paulo, Tepic.

Aug. 2.

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Bar. Santa Gertrudis + Santa Teresa, Tepic .. 8

Pedro Paulo .. 2

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1897  
Aug. 6

Bar. Aguacatilla & Dolores, Tlaxc.

Bar. San Blasito & Aguacatilla.

Aug. 5.

Bar. Pedro Paulo & San Blasito, Tlaxc.

Aug. 4.

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3336. *Cracca submontana* Rose, sp. nov.  
mx., Gray, New Pingle

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3341. *Cuphea cristata* Rose, n. sp.

Herb. Gr.

3342.

3343. *Verbena rosei* Rob. & Grunm. n. sp.  
Kew. Herb. Gr.

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3356.

3357, *Turnera ulmifolia caerulea* (DC.) Urb.

3358.

3 3 3 5 9

3 3360 \* *Odonia incana* Rose sp. nov.

3361. *Panicum bulbosum* HBK.

31 3362.

32 3363. *Quercus haematophlebia*

31 3364.

3. 5565. *Calliandra laevis* Rose, n. sp.

3: 3766. *Pellaea angustifolia* (HBK) Baker.

3 3367. *Malaxis fastigiata* Kunze. Det. Ames. 1922!

Bar. Aguacota + Dolores, Tepic.

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| Year | 1998 | 1999 | 2000 | 2001 | 2002 |
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| 1998 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 1999 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 2000 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 2001 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 2002 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |

Solors. Aug. 6-7

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Bab. Dolores & Santa Gertrudis " 7-

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Bar. Dolores - Santa Gertrudis, Epic. Aug. 7.

Top of Sierra-Madre bet. Santa Gertrudis + Santa Teresa. .8

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3368. *Spiranthes saltensis* Ames

3369.

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3370.

33371. *Peperomia umbilicata* R. & Pav.  
C. de Candolle. 1899.

3372. *Thalictrum pringlei reticulatum* Rose, n. m.

3 3 3 } 3. *Pellaea marginata* Baker.

3: 3374.

3: 3375. *Eryngium Beecheyanum* Hook & Arn.

31 33 } 6.

3. 3377.

3: 3378. *Verbesina madrensis* W. & A. <sup>F</sup> my.

3 3379



Aug. 10.

Santa Teresa, Tapas.

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3392.

3393.

3394.

3395. *Mimosa acanthocarpa* Benth.

3396. *Cosmos pithmiifolius* HBK.

3397. *Verbena stricta* Gray.

3398. *Quercus Rossii*

3399.

3400.

3401. *Eryngium Beccheyanum* Hook & Arn.

3402.

3403. *Pellaea ternifolia* (Car.) Fée

Kew. Herb. Gr.

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Aug. 11.

Santa Teresa, Tapic.

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Near Santa Gertrudis.

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3404. *Eryngium Beecheyanum* Hook & Arn.

3405

3406. *Liabum angustissimum* Gray.  
How. Herb. Gr.

3407. *Salvia prunifolia* Fernald, n. sp.

3408. *Polygala alba* Nutt.

3409. *Phoradendron scaberrimum* Trell.

3410.

3411.

3412.

3413. *Calcea palmieri* Gray.

3414.

3415. *Dryopteris patula* (Sw.) Underw.

Aug. 10<sup>8</sup>

Sierra Madre -  
Santa Teresa, Tepic.

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Bar. Pedro Paulo & San Blasito.

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Bar. Acaponetla & Pedro Paulo. Tepic.

" Dolores & Santa Gertrudis.

" Aguacata & Dolores.

Santa Teresa, Tepic

3416. *Pellaea angustifolia* (HBK.) Baker.

3417. *Chaetochloa imberbis* (Poir.) Scribn.

3418. *Eupatorium leptodictyon* Gray.

3419. 2

3420. *Epidendrum adenocarpum* L. L. & L. L.  
[det Ames 1923]

3421.

3422.

3423. \* *Inoxalis tenuissima* Rose sp. nov. 1

3424. *Scho*

3425.

Comm. in Book #6

3426.

3427.

Plants of Mexico.

J. N. Rose.



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1897

Aug. 7.

2426. *Eolozania humilis* Rose, sp. nov.

3427. *Cheilanthes aurantiaca* Moore

Kau. Herb. Gr.

3428. *Lupinus vexillifera* Cogn.

2429.

2430. *Chimaphila dasysternia* Torr

2431.

3432. *Pteronia umbilicata* R. et Pav.  
C. de Candolle

C. de Candolle. 1890

2433.

3434. *Desconia villosa* Penn. ? ♀

34 35.

3436.

3437.

Serra Madre, Santa Teresa, Tapic.



3438.

3439. *Musenopsis ternata* (Watson) CrR.

3440.

3441

3442. *Phoradendron bolleanum* Eiche

3443.

3444.

3445. *Euphorbia lasiocarpa* Klot

3446. *Quercus candicans michoacana*

3447.

5448. *Waltheria detonsa* Gray.  
*Lonoxalis compacta* Rose sp. nov.

*Sonoxalis compacta* Rose sp. nov.

3 3449. *Quercus Rosei*

Serra Madre, Santa Teresa, Tapic.

3  
1897  
Aug. 11.

1897

Aug. 11

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

$\mu$        $\sigma$        $\mu$        $\sigma$        $\mu$        $\sigma$        $\mu$        $\sigma$

11. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

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Sierra Madre, Territorio de Tepic. Aug. 13.

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Ihuasemote Durango. 15.

Sierra Madre, Territorio de Tepic. 13.

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3450.

3451.

3452.

3453.

3454.

3455.

3456. *Eryngium Rosei* Hemsl.

3457. *Quercus Rosei*

3458. *Quercus Rosei*

3459. type. *Cologetaria capitata* Rose, n. sp.  
Mr. Gray.

3460. *Arceuthobium*

3461. *Arbutus glandulosa* M. & S.

3462.

3463. *Arbutus glandulosa* M. & S.

3464.

3465.

3466.

3467. *Hecktea* sp.

3468.

3469.

3470. *Acarella* nov.

3471. *Odontotrichum scabrum* Rydb.  
May Type!

3472. *Musenopsis purpurea* C. & R., sp. nov.  
? 72<sup>a</sup> *Aurelia scabra* Kuntze

3473.

5

Sierra Madre.  
Territorio de Tepic.

Aug. 13.

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Sierra Madre, Durango.

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3486.

3487.

3.488.

3489.

3490.

3491. *Mimosa* ~~*acanthocarpa* Benth.~~ *durangensis* B. & R. Type

3492. *Gandichaudia subticillata* Rose, n. sp.

3493. *Aspicarpa lanata* Rose, n. sp.  
Mex., Gray.

3494. *Arundinaria longifolia* Fourn.

3495.

3496.

497.

near Iwasanote, Durango.

Aug. 15-

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*Journal of Management Studies*, 20(6), 791-806.

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3498.

3499.

3500. *Eupenhardtia orthocarpus* (Gray) Wats. <sup>polytrichum</sup>

3501. *Aspicarpa lanata* Rose, sp. nov.

3502. *Panicum compactum* Sw.  
*lasiacis compacta* (Sw.) Hitchc. Herb. Gr. Kew.

3503.

3504. *Passiflora suberosa* L.

3505. *Thalictrum madrense* Prose, n. sp.

Alt. 5200 ft.

3406.

3507.

3508.

3509.

Near Huasamot, Arequipa.

Aug. 15.

Sierra Madre, Durango.



3522.

Alt. 8500 ft.

3523.

3524.

Alt. 5300 ft.

3525. *Eryngium*

= Schaffner No. 7.

3526. *Eryngium Rosei* Arnst.

Alt. 8500 ft.

3527. *Muhlenbergia affinis* Trin.

3528. *Epicampes macrotis* Piper

n. sp.

3529.

3530.

3531. *Brunella vulgaris* Linn.

3532.

3533. *Aspilota albiflora* Gray.

Sierra Madre, Zacatecas.

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" " Zacatecas

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'97

Aug. 16,

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" 1.8.

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3534. *Salvia nana* HBK.

3535. *Arceuthobium*

3536. *Turnera pringlei* Rose, n. sp.

3537.

2

3538.

3539. *Nedeliella glabra* (Choisy) Cockerell

2

Gray n. sp.

3540.

3541. *Missolia hirsuta* DC.

3542.

3543.

1

3544.

2

H.L. New My.

3545.

My. St. L.

San Juan Capistrano, Zacatecas.

Aug. 18.

Sierra Madre

San Juan Capistrano,

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3546 *Eupenhardtia* <sup>reticulata Small</sup> ~~orthocarpus (Gray)~~ Wats.  
 Bur. Herb. Gr.

3547.

3548.

3549.

3550.

3551.

3552.

3553. (*Sida alamosana* Wats.) <sup>Type</sup>  
*Anneslia colomasensis* B+R

3554.

3555.

3556. *Hechtia*

3557. *Acaena* *mitis* 11-14

San Juan Capistrano - Zacatecas.

Aug. 22.

23

2

174



3558.

3559.

3560. *Agave cochlearis* Jacobi.

Hort. Gr.

3561. *Melampodium sericeum* Lag.

Hort. Gr. Kew.

3562. *Turnera palmeri* Wats.3563. *Eupatorium collinum* DC.3564. *Pithecolobium acatense* Benth.

3565.

3566.

3567. *Eupenhardtia orthocarpus* (Gray) Wats.~~*polystachya*~~

3568.

3569. *Eigera delphinifolia* Willd.

my

Ihuizguilla, Jalisco.

Aug. 24.

Ihuizguilla, Jalisco.

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Road bet. Ihuizguilla &amp; Marquites, Jalisco

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On road bet. Masquitero Monte Escobedo Jalisco. Aug. 26.

3582. *Malaxis montana* (Roth) Reintze "Probably"  
Det Ames 1922.

3583.

3584. *Arracacia montana* C.R. sp. nov.

3585.

3586.

3587.

Alt. 7100 ft.

3588.

3589. *Prionosciadium macrophyllum* C.R. sp. nov.

Joe. <sup>not</sup> ~~...~~ Low. Herb. sp.

3590.

3591.

3592.

3593.

✓  
m

Near Monte Escobedo. Zacatecas. 27

3594.

3595. *Prionosciadium watsoni* C. & R.

3596.

3597.

3598. *Eryngium Wrigleyi* Ag.

3599.

3600.

3601.

3602. *Paspalum pubiflorum* Rupr.3603. *Cenchrus echinatus* L.3604. *Chloris elegans* HBK.3605. *Eragrostis neo-mexicana* Vasey.  
mexicana (Vasey) Link

Near Monte Escobedo-Zacatecas.

Aug. 27.

" " " " " "

" Zacatecas. " 28

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On the road to Colatlan, Jalisco. " 21

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Colatlan, Jalisco. " 22

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" 29

Aug. 29

Coloatan, Jalisco.

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On road bet. Coloatan + Pateado - Zacatecas 3 1

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3606. *Bidens palmieri* Gray.  
*Echinochloa colonum* (L.) Link. in Contr. U.S. Nat. Herb. 11: 257

3607. *Chaetochloa imberbis geniculata* (Poir.) Scribn.

3608. *Grindelia squarrosa hirtella* Rob. Grunm.  
See Herb. Gr. Mex.

3609. *Polypodium lanceolatum* L.

3610. 2

3611. .

3612.

3613. *Coleyaria scandens* Rere sp. nov!

3614.

3615.

3616.

3617. *Melampodium sericeum* Lag.  
928.



3618.

3619.

3620. *Arracacia montana* C.R. sp. nov.

3621.

3622. *Piquia trinervia* Bass.

3623. *Heanea montana* C.R. sp. nov.

4 1/2 ft. high. Alt. 9000 ft.

3624. *Eupatorium pulchellum* H.B.K. ✓  
St L. NY.

3625.

Alt. 7800 ft.

3626.

3627. *Salvia leucantha* Cav.

3628. *Stachys coccinea* Jacq.

Herb. Grc. New York

3629. *Pageta micrantha* Cav.

Queroa Yab. Colotay & Plateado Zacatecas. Aug. 31.

Sierra de los Morones near Plateado. " Sep. 1.

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Near Plateado " " 2.

Sierra de los Morones near Plateado " 1

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Near Plateado " " "

Zacatecas.

Sierra de los Morones, near Plateado.

Sept. 1.

3630.

3631. *Eryngium*

= Schaffner No. 7.

3632. *Anoda cristata* (L.) Schlecht.

3633. *Hieracium*

3634.

1 to 2 ft high.

3635.

3636.

3637.

3638. *Salvia mexicana minor* Benth.

" *Salvia mexicana minor* Benth.

3639.

3640. *Lamoureauxia multifida* HBK.

Alt. 8600 ft.

3641. *Marubium vulgare* Linn.

" *Marulio*"

Near Plateado, Zacatecas.

" 2.

" 3

Sept. 3-

3642. *Cosmos bipinnatus* Cav.

3643. *Anneslia*

in duff.

3644. *Gnaphalium purpureum* var. *americanum* Blatt.

3645.

3646. *Lamourea rhinanthifolia* HBK.

Herb. Gr.

3647. *Montanoa semiparasca* Rob. + Grumm. n. sp.  
J.H.B. loose shrub. 8 ft. high Mex.

3648.

3649. *Pygmaium subguarrosam* Rob. + Grumm.  
Herb. Gr.

3650.

3651. *Peregia rigida* Gray.

3652. *Dysodia chrysanthemoides* Lag. (det J.M.G.)  
St. L. ~~my~~ my! ✓ R

3653. *Viguiera exulsa* Benth. + Hook.

Platón, Zacatecas.

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Road bet. Platón + Cololán, Jalisco. 5-

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1897  
Sep. 7-9,

3666. *Chrysanthellum mexicanum* Griseb.

3667.

3668.

3669.

3670.

3671.

3672. *Tragopogon microglossum* DC.  
Mex NM.

3673. *Villanova pratensis* Benth. & Hook. f.  
St. L. NM. J. M. S. Brit. Mus. Herb. Gr.

3674.

3675. *Prinosciadium watsoni* C. & R.

3676.

3677. *Heterospermum pinnatum* Cav.

Bet. Colatlan & Bolanos.

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Bet. Colatlan & Bolanos. Jalisco.

Sep. 8-

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3678.

3679.

3680. *Latura villosa* Fernald, n. sp.3681. *Museniopsis peucedanoides* (HBK) C. & R.

3682.

3683.

3684. *Borhaavia erecta* L.3685. *Zinnia bicolor* Hemsl. ex.3686. *Zinnia bicolor* Hemsl. ex.3687. *Ceiba tomentosa* (Robinson) Britton & Baker.3688. *Latura discolor* Bernh.

3689.

Santa Maria  
Bar. Colotay & Bolanos, Jalisco.

Sept. 7-9.

Bolanos, Jalisco.

Sept. 10-19

Road bet. Colotay & Bolanos,  
Near Bolanos.

" 7-9

" Jalisco

" 10-19

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Sept. 10-19-

Bolaños - Jalisco.

3690.

3691. *Pectis prostrata* Cav.

Hort. Gr.

3692. *Pithecolobium acutellense* Benth.

3693.

3

3694. *Aristida pectinata* Kunth

M. Mex ✓

3695.

3696. *Sida anomala* St. Hil.

Hort. Gr.

3697. *Gossypium barbadense* L

3698.

3699. *Eragrostis* <sup>*limbata* Fourn.</sup> ~~*purschii* Hort.~~3700. *Gymnoloma parkinsonii* Hemsl.

3701.

Tierra Nueva, west of Bolaños.

3702. *Indigofera Palmeri* Watson.

Kew. Herb. Gr.

3703. *Steria viscida* HBK. (*S. laxiflora* DC.)

3704.

3705.

3706. *Prionosciadium watsoni* C. & R.

3707.

3708.

3709.

3710. *Polypodium thysanolepis* A. Br.

3711. *Malaxis fastigiata* (Rochb. f.) Kuntze  
Det. Ames 1922.

3712.

3713. *Liparis venillifera* Cogn.

Sierra Madre, west of Bolanos, Jalisco. Sep. 15.

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Sierra Madre west of Bolanos, Jalisco. Sep. 16,

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Near Plateado

Sept 4

3738.

3739. *Eryngium Buchayanum* Hook & Arn

3740 *Notholaena nirea* Desv.

3 3741

3 3742

3 3743 *Amnecia imbricata* S. Walp.

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3 3744

3 3745. *Neogroezia planipetala* Kuntz.

3 3746.

3 3747.

3 3748. *Tamarundus indica* L

3 3749.

Near Santa Teresa, Top of Sierra Madre, Tepec. Aug. 13.

Bolanos, State of Jalisco.

Sept. 10-19.

Guaymas .. .. Sonora.

June 5-11

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1897

Aug. Sept.

Western Mexico.

State of Zacatecas, on rd. to Huejuquilla. Aug. 23.

" " Durango. " 16/

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El Paso, Texas.

June 1, 1897.

Sierra Madre, State of Zacatecas Aug. 18, "

" " " " Sinaloa July 18, '97

Colomas. Alt. 3000 ft.

Sierra Madre, Territorio de Tepic. Aug. '97

El Paso Texas

June 1/97

In Plaza, Monte Escabada, Zacatecas. Aug 26/97

Bulbs obtained from London England and  
flowered in Bot. Gard. March 18983750. *Prochymauchen viridescens* Watson.

3751.

3752.

3753. *Malaxia rosei* Ames n. sp.  
red fls

3754.

3755.

3756.

3757. *Asterella lateralis* M. A. Hower.

3758. " " " " "

3759. *Echinocactus longispinus* (Helms) Centropomus Engelm.3760. *Peucedanum graveolens* L. / Benth & Hook.3761. *Bravoa geminiflora* Lex

1897.

Near San Juan Capistrano, Zacatecas, Mexico. Aug. 20.

Acaponeta

June 23 to 30 1897

with 2363

On the road between Colotlan &amp; Bolmos Sept 8/97

Flowered in Bolmos from bulbs sent  
by J. Reuckon from Dallas Texas in 1896.  
Mts west of Bolmos Sept 16 1897

Along stream near Acaponeta

July 1897

One bulb only collected.

One living specimen brought back from  
ranch Monte Escobado Aug 26 to 27,  
Santa Teresa, Tlax. Aug. 9, 1897

On road from Huajuquilla to Mesquite

" 25 "

Santa Teresa -

" 13 "

Huajuquilla

" 24 "

3762. *Anoda pentachista* Gray. Brit. Mus. J.H.S. Herb. Gr.3763. *Conaralia*3764. *Lupinus elegans* HBK.?3765. *Magnolia oliveriana* Rose sp. nov.3766. *Cooperia Drummondii* var3767. *Euphorbia clavata* Lx

J.H.S. Her. Mex. Herb. Gr.

3768. *Hymenocallis*3769. *Agave Vestita* Watson3770. *Agave cochlearis* Jacobi.

3771. " " "

3772. " "

3773. " "

3774. *Agave*  
 3775. "  
 3776. "  
 3777. "  
 3778. "  
 3779. "  
 3780. "  
 3781. *Cologania scandens* Rose  
 3782. *Nicotiana rustica* L  
 3783. *Acacia farnesiana* Willd  
 3784. *Biophytum*  
 3785. <sup>(A. 146)</sup> *Tillandsia archersoniana* Wittm.

- Acapulcā, Tlaxc.  
 June 1897.  
 On road bet. Tlaxc. & Masquiter. Aug. 25, "  
 Colatlan. Sept. 6, "  
 Altata. June 17, "  
 Mazatlan " 19 "  
 Probably Dolores. Aug. 6 "  
 Dolores Sept. 10-17, "  
 Near Huizapilla Aug 25/97  
 San Blasito Tlaxc. Aug 5/97  
 Called "Tobacco de machuc" near Colomas July 21/97  
 Bot. Garden Sept. 11, 1900.



3786. *Luffa acutangula* Roxb

3787. <sup>A. 147</sup> *Jillandsia*

3788. *Phyllactinia corylea* (Pers.) Karsten  
Hort Caesentia alata fide D. Paulou

3789. *Brophytum*

3790. *Ageratum corymbosum* Zucc. var.

3791. *Spilanthus Beccabunga* DC. ?

3792. *Scaccia gladiata* Sepp. n. sp. -  
= Gregg no. 1135 in Museum Bot. fide

3793. *Rhynchospora cristata*

3794.

3795.

3796.

3797.

Green House Dept Agr.

Oct 16 / 900

*Sinaloa*

Mexico

J. M. Rose 1897

Bobbard

Nov. 21 / 900

This plant is 16 years old and was brought from Scotland.  
Between Pedro Paulo & San Blas, O., Mexico, Aug. 4, 1897.

Sierra Madre, near Santa Teresa, Mexico.

Aug. 9, 1897.

Acapulco, Tepic, Mexico July 30, 1897

Harb.

Robert Burago

Aug 11 1897



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4000. Hymenocollis ovata

4001. Cereus

Bot Gard

July 29/98

Bot Gard. Nov 1897



4002. *Cereus martinus* Zucc.  
 4002. " "  
 4003. *Bloomeria Clevelandi* Watson

4004. *Cotyledon*

4005. *Cotyledon gibbiflora natalia* Baker.

4006. *Evolvulus* ~~*prostratus*~~ *peruvialis* Benth.

4007. *Glycosmis citrifolia* Lindl.

4008. *Hymenocallis*.

4009. "

4010. *Cotyledon*  
~~*prostrata*~~

4011. *Euphorbia*

4012. *Myrica whipplei* Torr.

4013. *Agave sobria* Brand ?

Bot. Gard

Nov 1897

Botanical Gardens, Washington D.C.

Dec. 22, 1897.

Botanical Gardens, Washington D.C.

Dec. 22, 1897.

Grown in Greenhouse, Dept. of Agriculture  
 from Mexican seed

Nov. 27, 1897

Botanical Gardens, Washington D.C. Nov. 1897.

Botanical Gardens, Washington D.C. Nov. '97

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Plants collected by Dr. E. Palmer at Durango,  
 Mexico. Spec. prepared by J. N. Rose. - Nov. 8, 1897.  
 Botanical Gardens, Washington D.C. Oct. 30, 1897

Plants sent by Mr. H. M. A. Miller, from San Andres,  
 Lower Calif., Mex. Spec. prepared by J. N. Rose. Oct. 26, 1897  
 Plants sent by Mr. H. M. A. Miller, from Colomali,  
 Baja Cal. Mex. Spec. prepared by J. N. Rose. Oct. 30, 1897.

✓ 4014. *Passiflora liebmanni* Nash.

✓ 4015. *Phaseolus*

✓ 4016. *Acalypha*.

✓ 4017. *Phorby tenuis* Vasech.

✓ 4018. *Oreopanax plataniifolium* Dcne & Planch.

✓ 4019. *Sciadophyllum*

✓ 4020. *Erythrina*.

✓ 4021. *Erythrina*

✓ 4022. *Erythrina*

✓ 4023. *Erythrina*

✓ 4024. *Berlandiera lyrata* Benth.

✓ 4025. *Martynia*

Cult. in Greenhouse, Dept. Agr., from Oct. 1897.  
Many seeds.

Cult. in Greenhouse - Dept. Agr. '97

Botanical Gardens, Washington D.C. '97

~~Cult. in Greenhouse~~  
Botanical Gardens, Washington D.C. '97

Botanical Gardens. " " '97

Botanical Gardens. " " '97

Greenhouse: Dept. of Agriculture Oct. 26, '97

Greenhouse: Dept. of Agriculture Oct. 27, '97

Greenhouse: Dept. of Agriculture Oct. 27, '97

Greenhouse: Dept. of Agriculture '97

Durango, Mexico } Spec. prepared by  
Seeds coll. by Dr. E. Palmer 1896 } J. H. Rose. 1897.

Durango, Mexico } Spec. prepared by  
Seeds coll. by Dr. E. Palmer 1896 } J. H. Rose - 1897.

4026. *Pavonia malacophylla* Wright.
4027. *Malvastrum lanceolata* Rose, n. sp.
4028. *Pedum*.
4029. *Juglans*.  
(Hybrid bet. a Japanese species & the black walnut)
4030. *Pereskia bleo* DC.
4031. *Phaseolus*.
4032. *Dasylicium*.
4033. *Agave yuccaeifolia* DC.
4034. *Phaseolus lupulinensis* A.B.R.
4035. *Agave spatulata* Rose
4036. *Sisymbrium canescens* Nutt.
4037. *Succisa Deppeana*.  
Seed found by Mr. Goldmann.

- Green House; Dept. of Agr. Jan. 14, 1898
- Cult. from Mex. seeds. Green House, Agr. Dept. Jan. 14, 1898
- Green House; Agr. Dept. — 1897.
- Bot. Gard. May 1, 1897.  
June 21
- Green House; Agr. Dept. May 11, 1897.
- Green House; Dept. Agr. 1897  
Seed collected by Dr. Edw. Palmer at Manzanillo, Mex.  
Bot. Gard. Nov. 1, 1897.
- " " Feb. 1898.
- Green House Dept. Agr. Feb 21 1898  
= *Pelmas* no 62 (1?)
- Bot. Gard. March 1898  
flowering
- Green House Dept. Agr. April 5th 98 Seed obtained  
at Guaymas. Said to have come from Altav.  
Seed Col. Number 20332
- Dept. Agr. April 6/98 Seed Col. No 21468

4038. *Dryoleya rigida* Rose.

HA (red. & d. m.) Prand.

4039. *Ochna multiflora* A.C.

4040. *Agave univittata* Haw.

4041. *Agave pinnosa* Lem.

4042. *Agave morrisii* Baker.

4043. *Agave pinnosa* Lem.

4044. *Agave univittata* Haw.

4045. *Agave engelmannii* Trelease.

4046. *Nymphaea*

4047. *Crinum longiflorum* Thunb.

4048. - - - - -

4049. *Manfreda virginica* (L.) Salisb.

Grown in Greenhouse Sept. Agm. from  
specimens sent from L. Cal.

Bot. Gardens.

April 12, 1897.

Leaves sent from Royal Gardens, New England.  
May 10, 98.

Jamaica, West Indies

Spec. prepared by J.N. Rose

May 12, 98

Leaves from Botanical Gardens

Spec. prepared by J.N. Rose.

May 11, 98

Leaves sent from Missouri Botanical  
Gardens. Specimens prepared by J.N. Rose.

May 23, 98

Bulbs sent by Dr. C. Palmer from  
Topolobampo, Mexico. Flowered in Bot. Gard.

June 8, 1898

Botanical Gardens -

1898

Fl. Charles, Texas. Dr. E.A. Mearns

1898

petals lemon colored, but bright red at base; filament red at base.

Flowered in Bot. Garden.

June 8, 1898.



4050. *Mamillaria heyderi* Muhl. <sup>54</sup>

4050. <sup>54</sup>

4051. *Ipomoea bridgii*

4052. *Antennaria*

4053. *Spiraea bumalis* Lange.

4054. *Aster incisus* Fisch.

4055. *Agave-majada maculosa* (Hook.) Rose.

4056. *Juglans*

4057. *Hemeranthus Kallbergii* Baker.

4058. *Passiflora parsonii*

4059. *Thunbergia elegans*

4060. *Polianthes tuberosa* L.

4061. *Enchanis grandiflora* Blanch.

Sent by Dr. E. A. Mearns from <sup>54</sup>  
St. Charles, Texas. May 1898.

Fruit preserved in formalin in seed coll. June '98

Greenhouse, Dept. of Agr. 1898

Near Washington D.C. Apr. 24 '98

Cult. in Botanical Gardens, Washington D.C. June, 1898

Cult. in Botanical Gardens, Washington, D.C. June, 1898

Roots sent by Dr. E. A. Mearns from St. Charles, Texas. Specimens flowered in Bot. Gardens, Washington, D.C. June, 1898.

Cult. in Botanical Gardens, Washington, D.C. June, 1898

" " " " " 22, 1898.

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Bulbs furnished by Mr. Stills. Specimens prepared by J. R. Rose. Cult. in Botanical Gardens. " 24 "

4062. *Thrinax parviflora* Desv. native of Jamaica.

4063. *Abroma angusta* L.

4064. *Vallota purpurea* Herberh.

4065. *Billbergia thysoides* Mart.

4066. *Echinocactus capricornis* A. Dietr.

4067. *Opuntia*

Stems 4 to 5 feet high, joints bluish green, slightly

4068. *Opuntia* stems 3; spines 1 or 2 long & bushy none.

Plant 10 to 12 feet high, joints 12 in. or more long

4069. *Cereus "jamaicensis" DC* Stem erect, simple, 3 feet high

4069a. without white within; radial spine 6, central 3.

4070. *Hymenocallis*

4071.

4072. *Cereus "colembaenus" Otto* Stems slender about 11, low flowers large nearly

4073. *Agave lecheguilla* Torr.

Cult. in Botanical Gardens. June 24, 1898.

" " " " " " "

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*Opuntia*

glauces; larger spines about 3, flowers yellow throughout.

July 19/98. Bot. Gard.

glabrous light green; buds red; flowers open, 2 in. broad, yellow <sup>with red</sup> tinged.

glauces; flowers including ovary 7 inches long, purplish

Bot. Gard. July 22/98

" " " " "

about 1 in in diameter, erect, 4 to 6 feet high, ribs white outer lobes brownish,

Cult. in Botanical Gardens.

July 25/98



- 4074. *Cereus "peruvianus"* Stems upright,  
low branched; flowers small, pink; fruit pure.
- 4075. *Cereus "tortuosus" Hook.* Stems erect  
lower part small, over a cent. long in
- 4076. *Mamfida maculosa* (Hook.) Rose  
leaves with green spots, sheaves rounded; like shrub.
- 4077. *Cereus radicans* DC.
- 4078. *Cereus macdonaldiae* Hook.  
(Stems triangular)
- 4079. *Cereus triangularis*
- 4080. *Taxodium*
- 4081. *Tillandsia utriculata* Seconb.
- 4082. *Cereus*.
- 4083. *Euphorbia*
- 4084. *Crinum longifolium*
- 4085. *Crinum*

fruit oblong, 2 1/4 inches long.

Stems of one 100-  
inches long; central spine 4 or more ft  
long, ribs about 7 low; flowers  
the whole 1/2 inches 13.

Sent me by Dr. Peames with 4033

Botanic Garden, Washington DC. July 15,

" " " " " "  
fruit 4 in in diameter, with broad bract, redish, fleshy  
fruit preserved in seed collection. Bot Gard Aug 15/98

Bot. Gard. Aug. 1898

Specimens taken from plants sent by 1898.  
B. W. Evermann from Florida (No. 505) <sup>Brown</sup> Botanic Garden.  
Bot. Gard. Aug. 22,

Plants sent by Peter Henderson & Co, Aug. 24, '98  
Specimens prepared by J. R. Rose  
Bot. Gard. Aug. 25, '98.

4086. *Cereus tortuosus* Forb

Bot Garden

Aug 1898

4087. " *Silene* ~~ca~~ *SD*?

Bot Gard

Sept 1898

4088. *Cinnum macowanii* Baker.

"

Sept 7/98

4089. *Cereus Baumannii*

"

4090. *Agave xylomista perbella*

"

Sept 7/98

4091. *Agave*

Sept 8/98

4092. *Agave macracantha*

Sept 9/98

4093. *Hymenocallis Cayanaensis* Hub

"

Sept 13/98

4094. *Agave confusa* Rose n. sp.

Sept 15/98

4095. *Agave*

4096. *Hymenocallis caribaea* Hub?

Green House Dept. Agr.

Sept 15/98

4097. *Agave* ~~f~~ *angustissima*

Bot Gard.

Sept 22/98

4098. <sup>4079</sup> *Cereus triangularis* Mill.

4099. *Agave*

4100. *Echinocactus setispinus* Engelm. Gray.

4101. *Agave*

4102. *Cereus americanaensis* Heese.

flowers white; petals about 14,

4103. ~~*Polygonum*~~ *luteo-rosea*

4104. *Agave multilincata*

4105. *Stapelia serotina* Mass?

4106. *Opuntia polyantha* Haw.

4107. *Billbergia thyrsoidea* Mart.

4108. *Sansevieria cylindrica* Boj.

4109. *Crinum asiatica* L.

Bot. Gard.

Sept 26/98

" "

Collected by James P. Moorhead Pecos Sept. '98.  
High Bridge, Pecos Co., Texas. Spec prepared by J. N. Rose  
Bot. Gard. Sept. 27/98

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Sept 28

Sept 28

Bot. Gard.

" 30.

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July 12, '98

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June 16, "

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July 13 "

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Oct. 4, "

4110. *Opuntia ficus indica* ?  
(flowers red)
4111. *Cactus grahami* Coult.  
Plants sent to Bot. Gard.
4112. *Opuntia*  
fruit purplish - stems creeping
4113. *Pereskia aculeata* Mill.  
4113 in fruit: fruit yellow thorny
4114. *Polygonum<sup>es</sup> tuberosa* L.  
(In cultivation)
4115. *Ariocarpus fissuratus*
4116. *Phyllocactus latifrons* Walp.
4117. *Ariocarpus kotschyanus* (Lem) K. Sch.
- 4118.
4119. *Agave attenuata* Salmdyck
4120. *Agave dasylirioides* Jacobi & Bouché
4121. " *striata* Zuccar

Bot. Gard.

Oct. 4, 1898

Specimens sent by J. R. Lee, Monitor,  
Arizona & prepared by J. N. Rose, Oct. 4, 1898  
Bot. Gard. " 5 - "

Fruit in Seed collection.  
Bot. Gard.

Washington, D.C.

Sept. 1898.

Pecos High Bridge, via Logan P.O. Val Verde Co., Texas.  
Coll. James R. Moorhead. Spec. prepared by J. N. Rose, Oct. 4, 1898.  
Bot. Gard. Oct. 27, "

" "

Sept. 28, '98.

Bot. Gard.

Dec 1898

" "

Jan 30 / 1899



4122. *Piranga kuhlii*
4123. *Agave striata* Zucc.
4124. *Ilex cornuti*
4125. *Duranta plumaria*
4126. *Agave dasylirioides*
4127. *Agave*:
4128. *Agave Taylori*
4129. *Oxalis lasiocarpa* Graham
- 4130.
- 4131.
- 4132.
- 4133.

- Bot. Acad. Feb. 1899
- fruit-l. + fl. (ft sent to S.C.)
- Leave sent from no. Bot. Acad. Feb. 1899
- Botanic Garden. 1898.
- " " Oct. 11, "
- " " Aug. 17, "
- " " Feb 7 1900
- " " Sept 16 1899
- " " Aug 1900

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4134.

4135. *Nicotiana plumbaginifolia* Viv.

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4140. *Datura discolor* Bernh.

4141.

4142.

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4145. *Agave*

Batonville, Mississippi. May 5, 1899.

" " " "

Grown in the Missouri Bot. Gardens, St. Louis, Aug. 1899.



414146. Agave.

414147. Agave

414148. Agave

414149. Agave

414150. Agave

414151. Agave

414152. Agave

414153. Agave

414154. Agave

414155. Agave

414156. Agave

414157. Agave

Grown in the Missouri Bot. Gardens, St. Louis. August: 1899.

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4158. Agave

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4160. Agave

4161. Agave

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4165. Plantago

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Grown in Missouri Bot. Gardens. St. Louis. August, 1899.

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4170.

4171. *Habermannia speciosa* (Nutt) Small.

n. sp.

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4178. *Oenothera laciniata* Hill.

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41. 4186.

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41. 4187. Festuca octoflora hirtella Piper  
grass May 7. 9. 3

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41. 4192.

~~Baptisia~~

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41. 4193.

Baptisia  
grass

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- 4194. <sup>y.</sup> #194 *Polisia zacatecana* R. S. Williams  
By August 26:33, 1923
- 4195. *Acanella pulchra* Benth. & Th. n. s.  
= 30082
- 4196. *Acanella velutina* Berk. n. s.  
with 3341
- 4197. *Amniscus crispus* Berk. n. s.
- 4198. *Parosela involuta* Rydb. <sup>27</sup> Gr.  
with 7496
- 4199. *Parosela melantha* (Schum.) B. & P.
- 4200. *Parosela trifoliolata* (Moric.)  
Rydb.

J. M. R. Beluen Bolanos & Juade la Lara  
Sept. 20. 1897

Sept. 15-17 1897

J. M. R. near San Blas, Oaxaca Aug 5 1897

near Hueyguilla, Jalisco Aug 21 1897

Rio Blanco Sept 1903

Sierra del Tlathaca 1903

near San Juan Capistrano, California 1897

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Botanic Garden, Washington DC. Aug. 1881.

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